

Analytical

CHEMISTRY

AUGUST 15, 1987

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1988**

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1987-88**LAB
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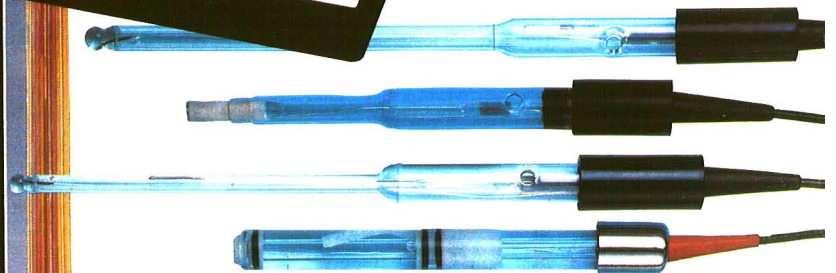
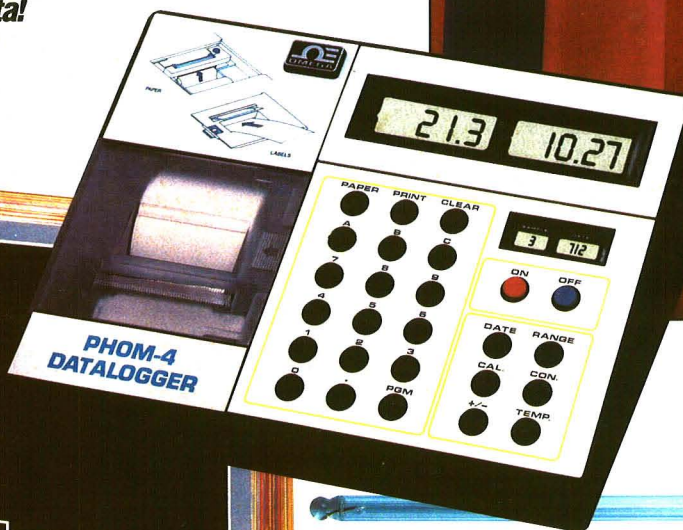
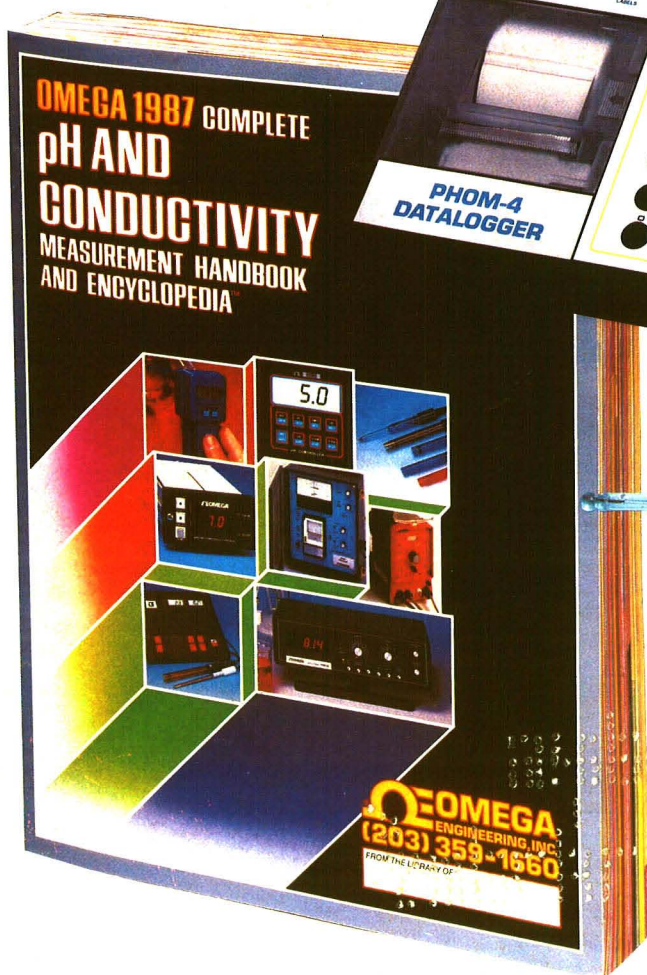
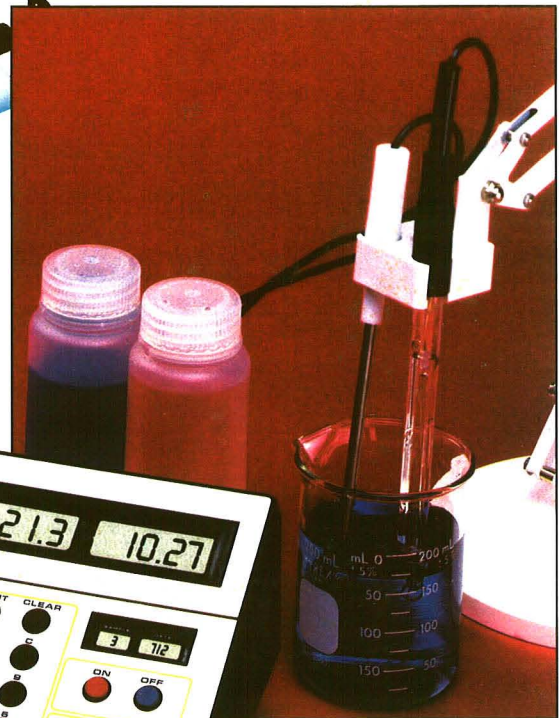
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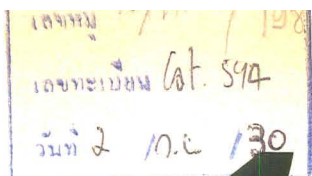


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1987-1988

LAB
GUIDE

Analytical

CHEMISTRY

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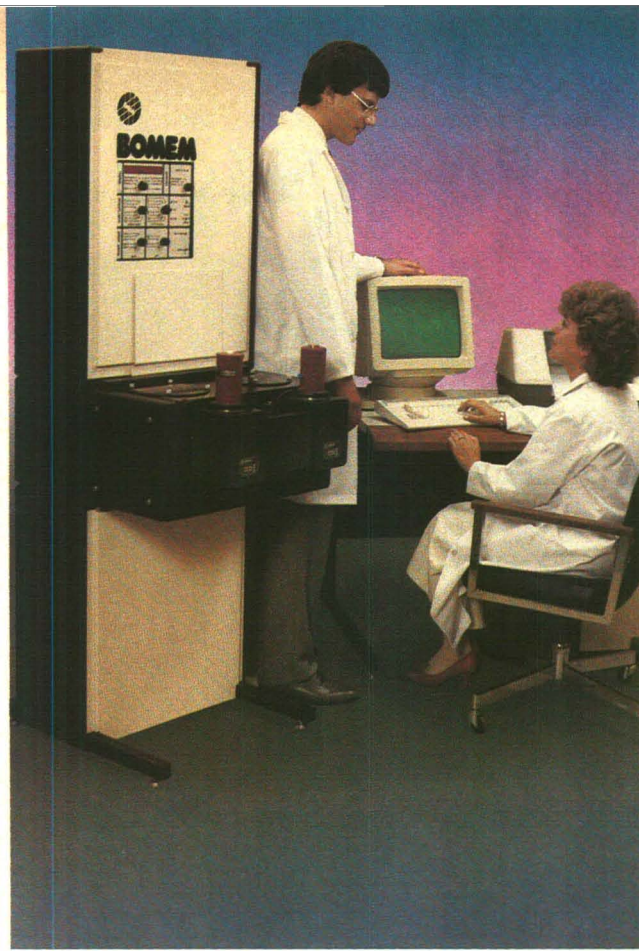


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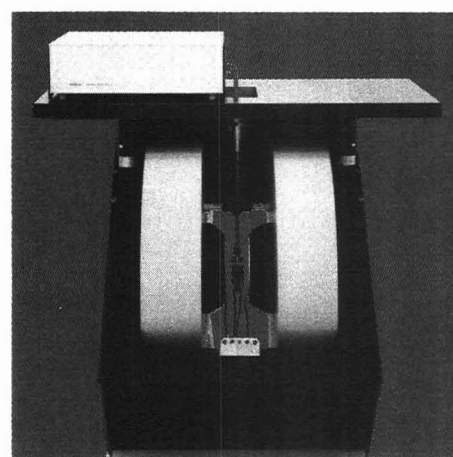
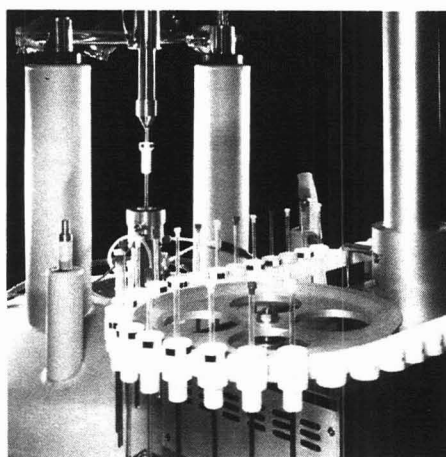
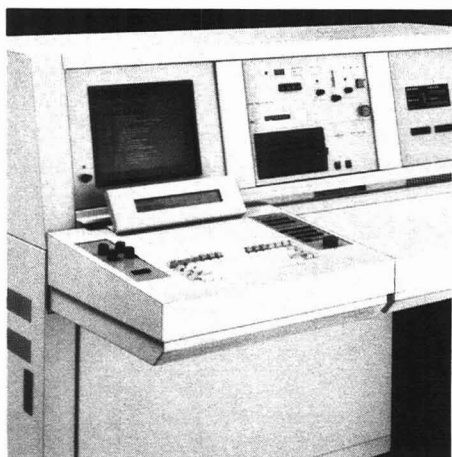
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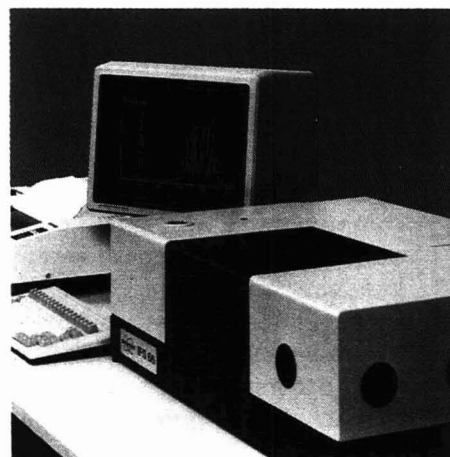
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MS

Research
FT-IR

Analytical
FT-IR



analytical instrumentation

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Analytical FT-IR

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As this year's LabGuide goes to press with information about some of today's most advanced analytical equipment, innovators in research laboratories worldwide are developing the instrumentation that will be included in the LabGuide of tomorrow.

One technique likely to appear in future LabGuides is inductively coupled plasma Fourier transform spectrometry (ICP-FTS), which offers a number of advantages over dispersive atomic emission spectrometry (Faires, L. M. *Spectrochim. Acta* **1985**, 40B, 1473-83). These advantages include comprehensive wavelength coverage, simultaneous observability of the entire spectrum within a selected bandpass, and very high resolution. With ICP-FTS, spectral interferences are more easily identified (or even eliminated), background corrections are more easily accomplished, and requirements for sample preparation and preseparation are eased. Several designs of ICP-FTS spectrometers have been developed, including a number of models for commercial availability.

In the infrared area of the spectrum, FT-Raman spectroscopy has been shown to provide better fluorescence rejection and high-frequency precision than conventional Raman instruments (Chase, B. *Anal. Chem.* **1987**, 59, 881 A-889 A). Although further improvements in sensitivity are needed, this new technique may one day be a useful complement to infrared spectroscopy in industrial settings.

This year's LabGuide does not list supercritical fluid chromatography-mass spectrometry (SFC/MS), but researchers such as Richard Smith of the Pacific Northwest Laboratory are working on this analytical instrument of the future (*Anal. Chem.* **1987**, 59, 13-22). Similar to liquid chromatography/MS (LC/MS), a technique that has already attained commercial viability, SFC/MS is applicable to the separation and characterization of mixtures not amenable to gas chromatography/MS (GC/MS)—currently the most popular separation-spectrometric technique. Although a number of problems still need to be

worked out, SFC/MS enjoys potential advantages over LC/MS, including a higher number of effective theoretical plates and faster separation speeds.

We can also look forward to new bioanalytical sensors based on fiber optics, chemically coupled field effect transistors, surface acoustic wave devices, and novel electrochemical strategies (Frew, J. E.; Hill, H.A.O. *Anal. Chem.* **1987**, 59, 933 A-944 A). For example, at the 1987 Division of Analytical Chemistry Summer Symposium, S. M. Angel reported on fiber-optic immunoassay techniques, developed at Lawrence Livermore National Laboratory, in which fluorescently labeled antigens are covalently bound to the surface of an optical fiber. The assay is based on competition between untagged antigen (analyte) and tagged antigen for binding sites, with displacement of the tagged antigen leading to a decrease in the measured fluorescence signal. According to Angel, detection limits as low as 10^{-12} M have been reported. New biosensors such as this may one day revolutionize clinical and biochemical testing in hospitals, doctors' offices, and patients' homes.

We would like to draw your attention to a new feature in this year's issue: Section 2 on company catalogs. This section contains brochures that describe product offerings from a number of manufacturers of scientific instruments and equipment. In the past, these minicatalogs appeared throughout the LabGuide. Our hope is that their appearance together in one section will facilitate your search for the products and vendors needed to solve the analytical problems of today.

Stu Borman
Associate Editor

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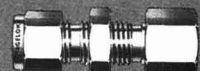
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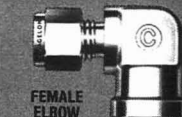
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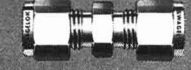
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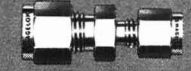
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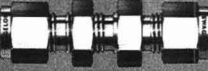
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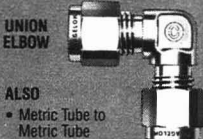
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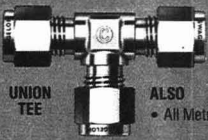
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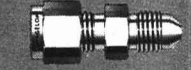
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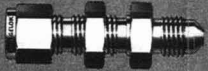
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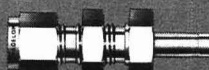
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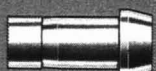
- Metric Tube to Metric Tube Stub
- Metric Tube to Fractional Tube Stub



BULKHEAD REDUCER



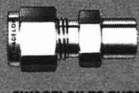
SWAGELOK TO AN ADAPTER



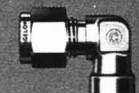
PORT CONNECTOR
(Fractional or Metric)



REDUCING PORT CONNECTOR
(Fractional or Metric)



SWAGELOK TO TUBE SOCKET WELD UNION



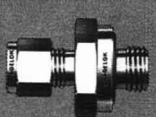
SWAGELOK TO TUBE SOCKET WELD ELBOW



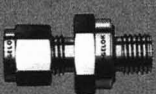
SWAGELOK TO MALE PIPE WELD CONNECTOR



SWAGELOK TO MALE PIPE WELD ELBOW



O-SEAL MALE CONNECTOR PIPE THREAD



O-SEAL STRAIGHT THREAD CONNECTOR



MALE ELBOW STRAIGHT THREAD BOSS



MALE CONNECTOR STRAIGHT THREAD BOSS



CAP
(Fractional or Metric)

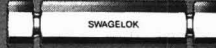


PLUG
(Fractional or Metric)



FLEXIBLE METAL HOSE CONNECTOR

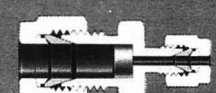
CHROMATOGRAPH FITTINGS



GC UNION



GC TEE



ZERO VOLUME COLUMN FITTING



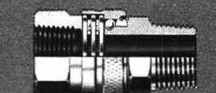
FEMALE GC PORT



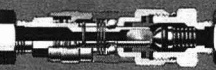
QUICK-CONNECTS



MINIATURE "QM" SERIES



FULL FLOW "QF" SERIES

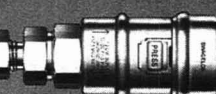


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KEYED "QC" SERIES

- Eight Different "keys" Available



"QT" SERIES

- All TFE Seals

CIRCLE 54 ON READER SERVICE CARD

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Shown above: Model NLD-400
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Model NLW-400 Four-basket capacity washer; steam heated or electrically heated models

Also available Undercounter, single basket and six-basket washers, plus two and six-basket dryers

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CIRCLE 15 ON READER SERVICE CARD

Advertised Products

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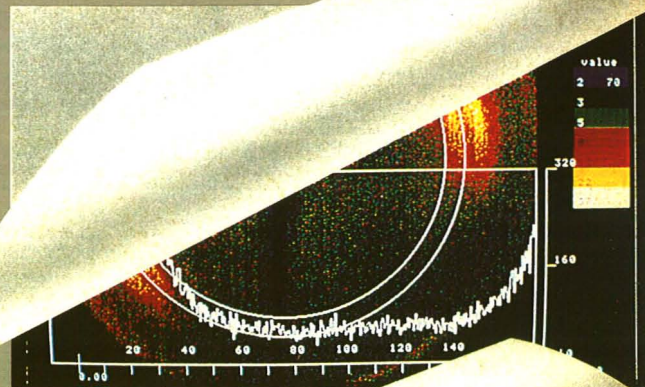
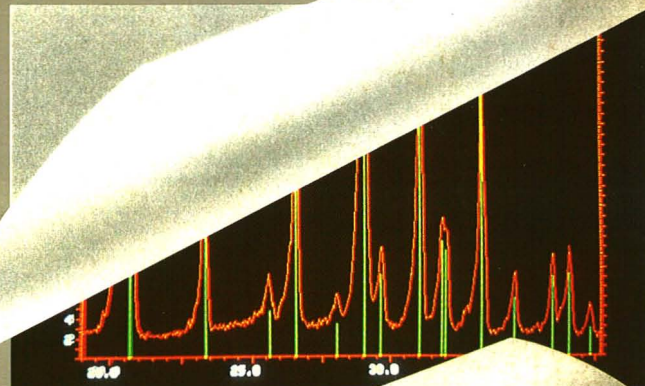
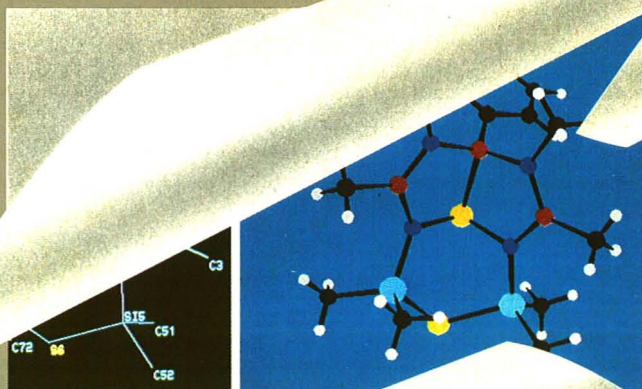
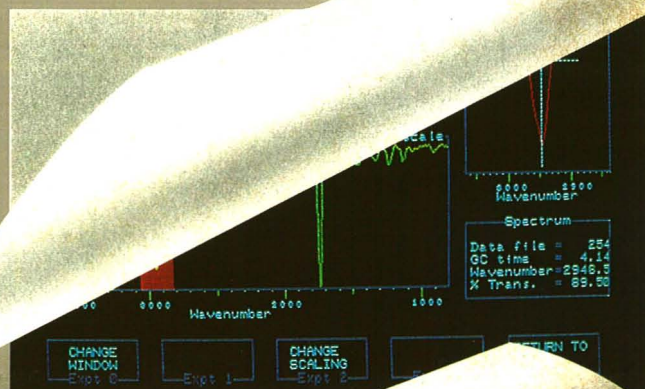
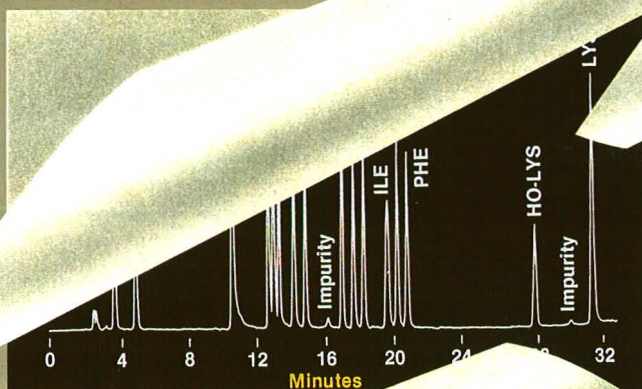
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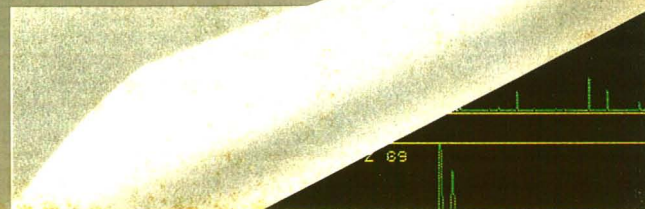
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FT Infrared Spectroscopy
 FT Mass Spectrometry
 LC/GC Liquid & Gas Chromatography
 Powder Diffractometry
 Single Crystal Diffractometry
 & Structure Determination

Nicolet Analytical Instruments Guide



A screenshot of a software interface menu. It includes a list of options: 'Unit', 'Pause', 'Message', 'Input', 'Search', 'Quantify', 'Coda', 'Paves', 'Bone', 'Increment', 'Miscellaneous', 'Test', 'Help', 'End', 'DOS', and 'Exit'. At the bottom, there is a prompt: 'Press the key or arrow keys to move cursor next to a command and press ASSIST.' Below this prompt is a row of buttons: '1 ASSIST', '2', '3', '4', '5', '6', '7', '8', '9 Help', and 'END'.



Nicolet provides the problem-solving technology needed by scientists and engineers who are involved with today's analytical challenges. The considerable growth of our instrumentation line, we believe, exemplifies our commitment to the success of these people.

"Instruments of Discovery"

Founded in 1965, Nicolet Instrument Corporation is an integrated family of operating divisions that design, manufacture, and market leading edge, technology-rich electronic instrumentation.

Nicolet instruments combine many technologies to generate data about substances and materials, about physical events, and about biological activities. Most scientific information that's easy to get has long been obtained. Researchers today are looking deeper, asking tougher questions, and probing further than ever before. Nicolet instruments provide the information upon which their imaginations work.

Just as each scientific answer raises another scientific question, so it is with technical instrumentation. Tolerances become finer and finer. Analytical capabilities become far more sophisticated. Within a single generation, 'breakthrough' technologies become 'classical.' Each solution discovered eventually breeds new questions not seen before. This constant challenge keeps us working on new products and technologies.

Our products cover four major market areas: chemical analysis and

scientific research; non-invasive neurological and sensory evaluation; electronic test and measurement; and audio-diagnostics.

Sales and service centers are located throughout the U.S.A. Eleven Nicolet overseas offices coordinate international sales and service operations, which together with over ninety representative firms, ensure Nicolet's presence in countries around the globe.

Nicolet Analytical: An Integral Part of the Nicolet Instrument Corporation

The Nicolet Analytical Instruments Division is in the forefront of the most significant trends in laboratory instrumentation: the computerization of analytical instruments and the application of Fourier transform techniques to molecular spectroscopy and chemical analysis. These developments have dramatically enhanced the efficiency, accuracy, and information-gathering power of laboratory instrumentation.

Nicolet's analytical instruments include Fourier transform infrared (FT-IR) spectrometers, Fourier transform mass spectrometers (FTMS), liquid and gas chromatographs,

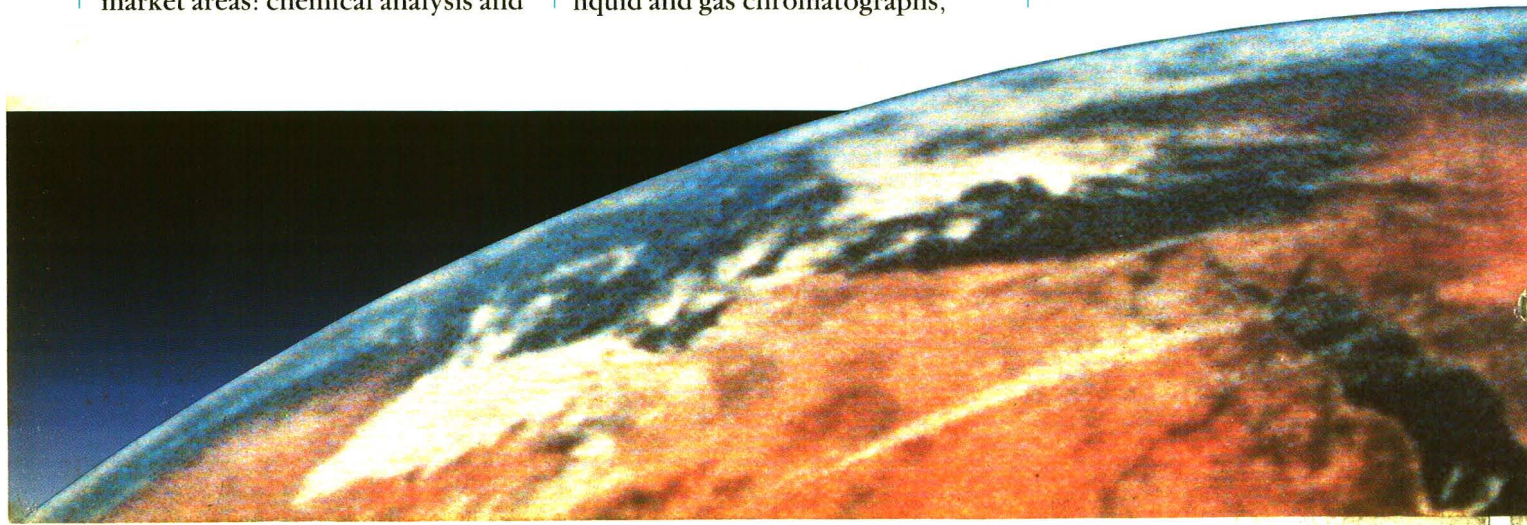
single-crystal x-ray molecular structure systems, and automated x-ray powder diffractometers.

Our analytical instruments are used to inspect the quality of manufactured goods, to determine chemical compositions and structures, and to investigate the properties of various materials. They rapidly produce meaningful information that can be used to improve productivity, develop new materials and processes, and assure the quality of finished products.

They are used extensively throughout a broad range of industries including chemicals, electronic circuits, pharmaceuticals, petrochemicals, polymers, food and energy, as well as in governmental agencies and university laboratories. The information provided by these instruments is in many cases complementary; in fact, many laboratories use several different Nicolet analytical instruments to provide a synergistic approach to solving problems.

Applications Assistance and Technical Service

Nicolet's customer involvement doesn't end with the installation of



your system. Our customers have a role in the constant improvement of our equipment. Accordingly, we take training and after-sale support very seriously, since this is the way to share the very finest techniques for getting the most from our equipment.

Our applications scientists are available to assist you in many ways — from development of new experimental methods and applications to providing technical information on instrumental techniques and software. Training courses on these subjects are scheduled regularly.

Our customers also receive award-winning technical documentation and newsletters that keep them informed of the latest developments pertaining to their fields of interest.

Nicolet is strongly committed to providing responsive service for our customers, including those who have been added to our user-base as the result of Nicolet's acquisition of IBM Instrument's benchtop spectroscopy and LC/GC product lines. Nicolet service engineers are stationed in convenient locations around the world.

FT Infrared Spectrometers

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5PC
5DXC/SXC
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60SXR
20F

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FT Mass Spectrometry

FTMS-2000 8-9

Liquid Chromatography/Gas Chromatography

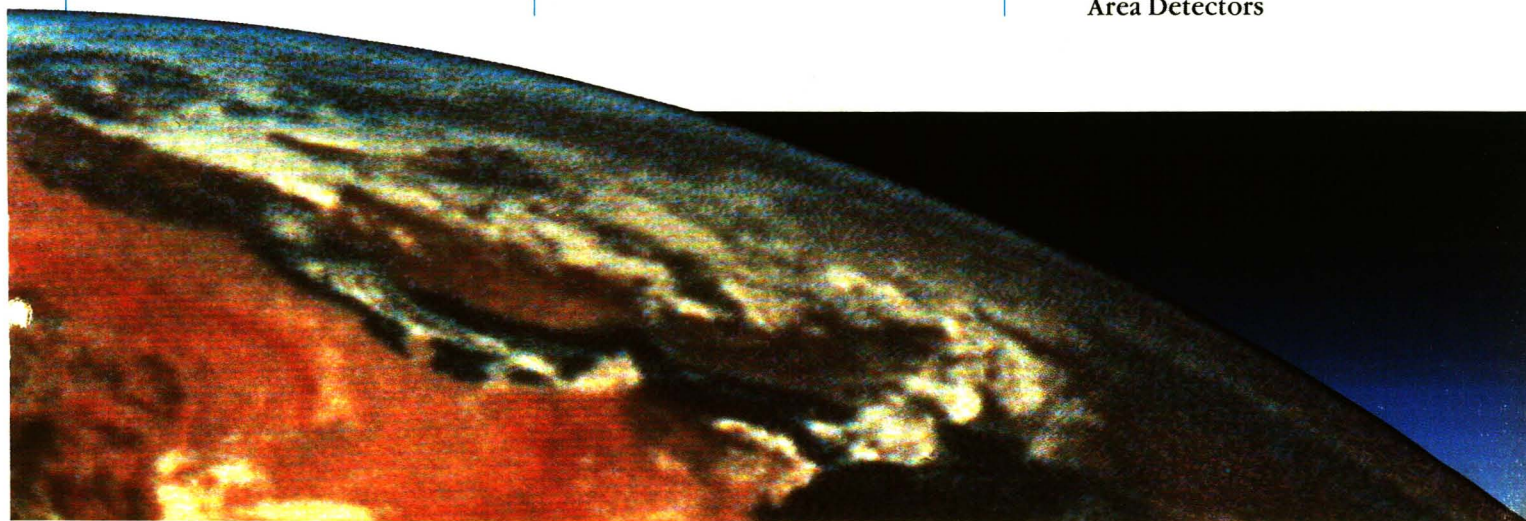
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LC/9500 Series Detectors
HPLC Columns

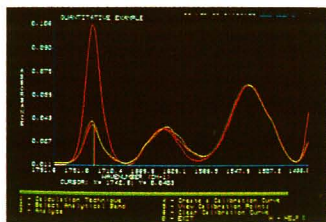
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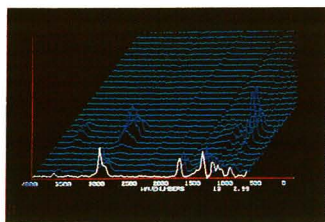
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SHELXTL Crystallographic Workstation
Area Detectors

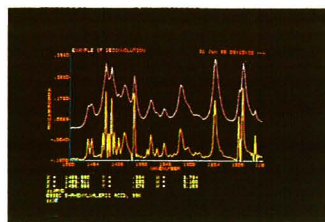




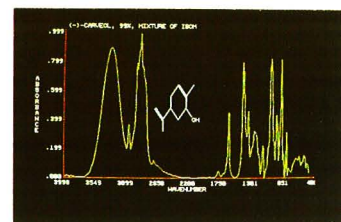
5ZDX quantitative analysis can be user-tailored to specific applications.



GC-IR "waterfall" display shows real-time spectra of components as they elute.



Interactive deconvolution provides instantaneous feedback of parameters to enhance spectral resolution.



Chemical structure retrieval and display is an integral feature of NIC SEARCH software for library searching of the Aldrich and Sigma FT-IR data bases.

Mid-IR Spectrometer Systems

Nicolet's bench-top mid-IR systems offer ease-of-use, reliable performance, and economy. Combining the compact new Nicolet 600 Series high-speed data system or the general-purpose laboratory PC workstation with high-performance optics, 5/20 Series spectrometers perform fast, accurate data collection and spectral manipulation.

5ZDX: Easy-to-use, easy on your budget.

The ideal low-cost replacement for an aging dispersive IR, the 5ZDX offers simplicity, economy, and versatility *without compromising performance*. Extensive upgrade capabilities are also available to meet growing application requirements in a cost-effective manner.

Circle #411

New 5 PC Series: Advanced Nicolet optics combined with the cost-effective PC/AT

Nicolet's new 5 PC FT-IR systems combine the reliable 5 series optical bench with the IBM Personal Computer AT™. These systems offer dependable analysis, high performance, and the versatility of a wide range of application techniques for the busy laboratory. The IBM PC/AT™, configured for FT-IR, includes easy-to-use menu-driven PC/IR software. Spectral data analysis can be conveniently extended by the use of commercially available software packages.

Circle #412

5DXC and 5SXC: Economical FT-IRs with advanced capabilities.

The 5DXC's menu-driven software gives convenient access to the full power of FT-IR, while the 5SXC hard-disk based system provides extended experiment capability and data manipulation versatility.

5DXC and 5SXC options and upgrades include GC-IR, micro-spectroscopy, and automated sample handling and analysis.

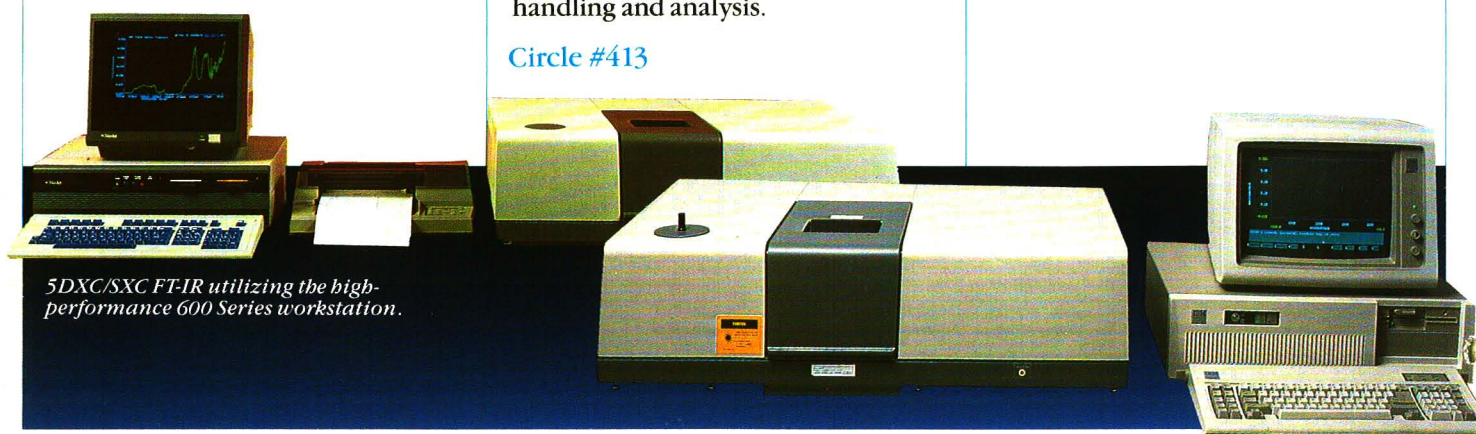
Circle #413

20DXC and 20SXC: Cost-effective research performance

The Nicolet 20 Series provides far greater capability and reliability than any other comparably priced FT-IR instruments. Principle features include:

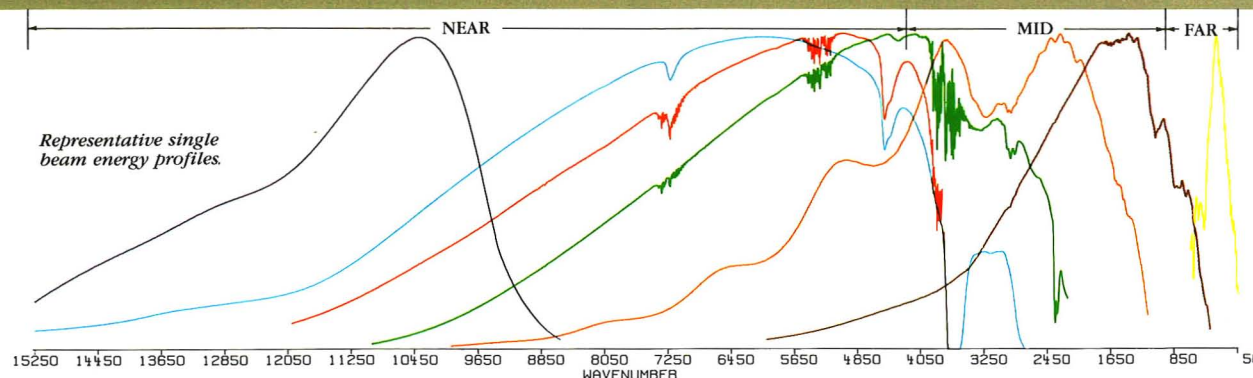
- Superb resolution, speed, and sensitivity.
- Engineered reliability for trouble-free, stable operation.
- Computer-controlled optical functions and automation for optimizing performance to particular applications.
- High-performance spectroscopy data system with unparalleled real-time data acquisition capabilities and extensive applications software.
- High-capacity, ultra-fast, state-of-the-art SMD Winchester drive.

Circle #414



5DXC/SXC FT-IR utilizing the high-performance 600 Series workstation.

5PC FT-IR combines versatile Nicolet spectrometer capabilities with the general-purpose laboratory PC computer.



Composite plot of single-beam spectral response curves for System 740 beamsplitter, source, and detector combinations demonstrates near, mid and far-IR full spectral coverage from 15,000 to 50 cm^{-1} .

Near, Mid, and Far-IR Spectrometer Systems

System 740: Today's best value in FT-IR

Nicolet's new System 740 FT-IR obsoletes the traditional notion of massive, complicated, expensive research spectrometers. The 740 is the first true bench-top spectrometer to combine 15,000 to 50 cm^{-1} spectral coverage, research performance, versatile application capabilities, and ease-of-operation in a system that is ideal for novice users and expert spectroscopists alike. . . at a system cost comparable to exclusively mid-IR systems.

System features include proprietary technology beamsplitters and detectors that are designed for "no hassle" interchange in one minute or less, without tools or loss of purge. Optimal alignment is performed quickly, accurately, and *automatically* by advanced chemometric techniques. Exceptional signal-to-noise performance from the near-IR to the far-IR is enhanced by the industry's most advanced signal processing electronics.

The System 740 has the versatility to accommodate all your applications including advanced hyphenated techniques such as GC-IR, TGA-IR and SFC-IR.

Circle #415

60SXR: The ultimate FT-IR spectroscopy research system

The 60SXR delivers superb results for any FT-IR experiment, while allowing rapid experiment changeover with minimal set-up time. The 60SXR easily adapts to your research needs—no other FT-IR available can match the versatility and automation features of the 60SXR.

- **Spectral range selectable from 25,000 to 10 cm^{-1} .** Multiple detector ports, modular detectors, and an automatic beamsplitter changer allow rapid switching of spectral regions.
- **Unique rapid-scan capabilities:** to 60 scans per second, for chemical kinetics studies.
- **Unmatched microanalysis capabilities:** Highest optical efficiency and versatility, including micro-ATR, automated spectral mapping, and sample profiling.
- **Extensive field-proven applications software.**
- **Digital time-resolved spectroscopy.**

Circle #416

Nicolet 20F: Evacuatable FT-IR system for routine far-IR studies

The 20F is designed to provide routine high-performance measurements in the far-infrared region from 650 to 20 cm^{-1} . This far-IR spectrometer incorporates special optics designed around a proprietary high-efficiency beamsplitter. A liquid-helium-cooled germanium bolometer detector is optionally available for the ultimate in sensitivity. The 20F spectrometer requires no beamsplitter change to cover the 650 to 20 cm^{-1} spectral range, and there is no need to break vacuum when changing samples.

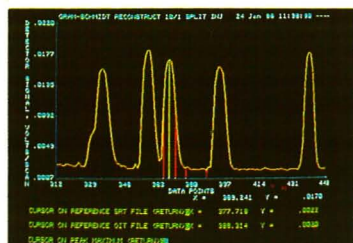
The 20F is available as a stand-alone system, or as a second head for the Nicolet 60SXR or bench-top series spectrometers.

Circle #417

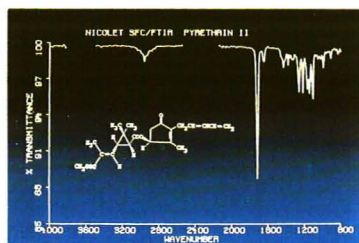


System 740 provides full spectral coverage.

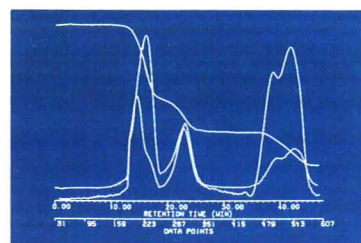
Nicolet 60SXR research spectrometer.



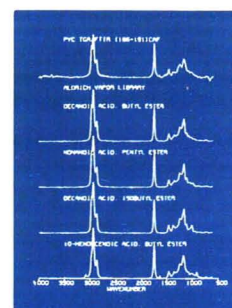
GC-IR Gram-Schmidt reconstructed chromatogram.



Spectrum taken from SFC experiment after subtraction of CO₂.



TGA data on the Nicolet workstation showing: percent weight loss (top); first derivative percent weight loss (middle); Gram-Schmidt reconstruction based on FT-IR data.



TGA experiment search results from the Aldrich Vapor Phase library.

FT-IR Application Optimized Systems

Nicolet has pioneered a wide variety of new FT-IR instruments with advanced application capabilities. These products fall into three primary categories:

- Hyphenated techniques including GC-IR, TGA-IR, SFC-IR, and micro-IR.
- Dedicated auxiliary optics for gas analysis, automated sample handling, and microbeam experiments.
- Application-specific FT-IR systems for on-line process monitoring, oil analysis, semiconductor wafer analysis, and remote sensing.

Hyphenated techniques:

GC-IR

- **Superb sensitivity and resolution without compromising chromatographic quality.**
- **Simplified, automatic, real-time operation** designed for the chromatographer as well as the spectroscopist.
- **Exclusive Aldrich-Nicolet on-line gas-phase library** for effective search and identification.
- **Integrated control** of GC and autosamplers and chromatographic functions such as temperature programming.
- **Easy, fast switching** between GC-IR and other FT-IR experiments.

Circle #418

TGA-IR

Nicolet's new TGA-IR bench enables one system to measure the weight loss of a sample as a function of increasing temperature and to identify the gaseous components that are being evolved during the weight loss.

The Nicolet TGA-IR System can plot the response for a specific chemical functional group as a function of time. This provides a chemoselective record of what is evolving from the decomposing sample.

Circle #419

SFC-IR

Supercritical fluid chromatography (SFC) provides an effective method to analyze compounds that cannot be analyzed by GC.

As with GC-IR, infrared detection can be used with SFC to identify chromatographic peaks as they elute from the chromatograph.

Circle #420

Micro-IR

Nicolet's new IR Microscopy and Microbeam Experiment Modules offer two very easy-to-use methods for analyzing a wide range of micro-samples. With the Microscopy Experiment Module, samples previously considered too small or intractable can now be analyzed quickly and with very little preparation.

Circle #421

Auxiliary optics modules:

Microbeam Module

The Microbeam Experiment Module provides a variety of micro-sampling techniques including micro-ATR, cylindrical internal reflectance, microcavity and flow-through sampling of liquids, micro reflectance, pinhole aperturing, compressed samples held in the diamond anvil cell, and micro-KBr pellet sampling. The module incorporates a high-sensitivity MCT detector.

Circle #422

10m Gas Cell Module

The dedicated 10-meter gas cell is optimized for multi-component trace gas analysis. A special cooled InSb/HgCdTe "sandwich" detector optimizes signal-to-noise performance and minimizes data collection time.

Nicolet has developed an excellent quantitative analysis software package perfectly suited to the analysis of trace concentrations (0.01 to 1 ppm) of various species of gas or air samples. Routine analysis is performed by entering simple one-character commands.

Circle #423

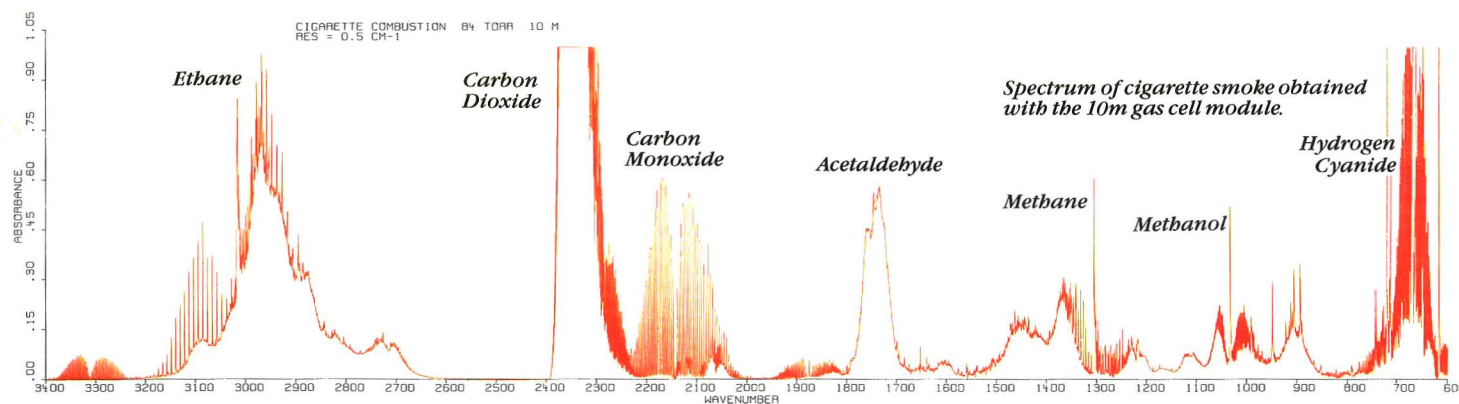
Other experiment modules include:

- Random-access autosampler
- Second sample compartment
- Evacuable far-IR bench
- QC analyzer for liquids, powders, films, and smooth-surfaced solids.



DuPont's new Thermogravimetric Analysis (TGA) system interfaced with Nicolet's FT-IR Spectrometer.

SFC-IR system.



Application-specific FT-IR Systems

Pro-IR 5 on-line process monitoring system

The Nicolet PRO-IR 5 on-line FT-IR process analyzer is the first multi-component analysis system specifically designed to analyze chemical streams in the plant environment—in real-time, as the process happens. With its on-line flow-through system, materials are analyzed as they are produced—thus, plant personnel can quickly adjust the process and eliminate expensive waste and the production of unacceptable "off-spec" material. For batch reactor systems, the ability to obtain real-time infrared data can be used to optimize reaction kinetics and determine when a reaction is complete. With the PRO-IR 5, complex mixtures containing more than 12 components can be simultaneously monitored.

The PRO-IR 5 is software-compatible with Nicolet's FT-IR lab instruments, so methods developed in the R&D lab can be down-loaded to the PRO-IR 5 on the production floor. The standard PRO-IR 5 data system provides the same software capability included with standard Nicolet lab FT-IR instruments, including library search and retrieval.

Circle #424

Remote sensing spectrometers

Nicolet's recent developments in remote source technology dramatically expand the utilization of FT-IR for gas phase component monitoring and analysis at ppm and ppb levels. The system incorporates high-efficiency telescope optics for routine remote sensing spectroscopy. Typical applications include remote detection of gas phase components in industrial stack emissions, process areas, chemical waste sites, and engine exhaust.

Circle #425

Nicolet's new QC Series

Nicolet has just introduced a new series of instruments that are application-specific oriented. For example, the new series of liquid analyzers has been developed for quantification of oils, surfactants and aqueous-based samples including fermentation broths, beverages, and detergents. Operation of these new instruments is extremely easy with single pushbutton commands. The liquid analyzers also minimize sample preparation and eliminate the need for special training.

Circle #426

Nicolet ECO-8S: A new system for semiconductor wafer analysis

The ECO-8S has been specifically designed to enhance the analysis of semiconductor wafers for specific FT-IR measurements. The new design enables all the potential FT-IR applications for semiconductor analysis to be performed with one instrument.

The ECO-8S incorporates two dedicated detectors: One for reflectance measurements (epi thickness) and another for transmittance measurements (C&O and other chemical analysis measurements). The user can switch from one to the other by a simple software command, without manually changing detectors or disrupting purge conditions.

The ECO-8S has been efficiently designed to provide optimum measurement sensitivity while occupying minimal floor space. Additionally, design enhancements have resulted in an improvement in resolution to better than 0.5 cm⁻¹. With these changes the scope of potential applications has been widened to encompass the evolving needs of GaAs, InP, and other III-V semiconductor materials.

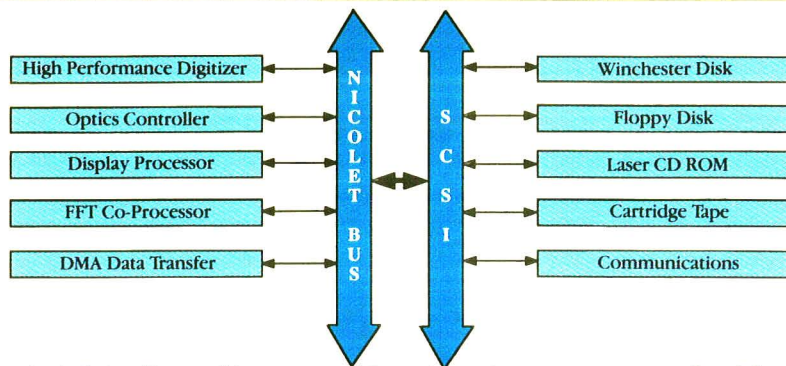
Circle #427

ECO-8S

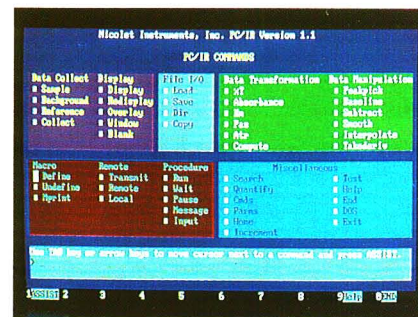
Nicolet's new "Oil Spec" is one in a series of dedicated FT-IR liquid analyzers.



Nicolet's new remote source detects ppb level gas phase components over long distances.



Nicolet's dual bus architecture provides optimized spectrometer control and data system performance with industry-standard peripherals.



PC-IR main command menu

FT-IR Computer Workstations

Over a decade ago, Nicolet developed the first specialized laboratory computers for high-speed, high-accuracy FT processing. Since that time, more Nicolet computers have been utilized for FT spectroscopy than any other computer! Now, we have expanded our leadership in the computerized FT-IR laboratory in three important areas:

1. PC-based spectrometer systems.

The outcome of Nicolet's acquisition of IBM Instruments' bench-top FT-IR systems earlier this year is a new series of PC-based spectrometer systems. These bench-top spectrometers combine the general purpose, cost-effective utility of the PC with the expanded application capabilities of Nicolet optics and accessories.

Circle #428

2. Laboratory networking.

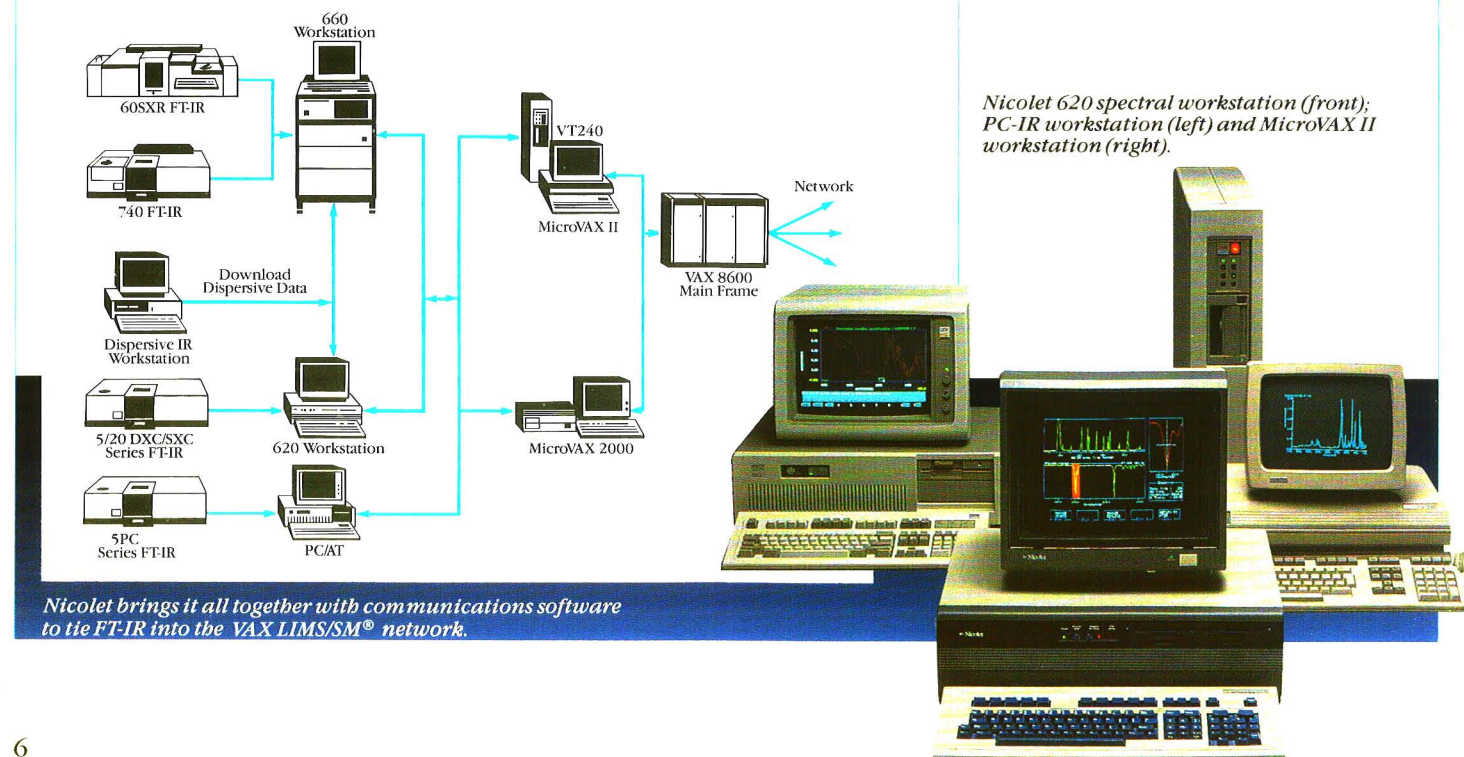
Nicolet is the first FT-IR company authorized to tie FT-IR into the Digital Equipment Corporation integrated laboratory network. With Nicolet's NIC-COM communication software, FT-IR spectroscopic information, quantitative analysis results, and other information can be directly linked to the VAX LIMS/SM[®] environment as part of a complete laboratory information network. The Nicolet "VAX[®] Connection" also provides complete FT-IR data manipulation capabilities for VAX/VMS[®] computers.

Circle #429

3. Dual-bus computer architecture.

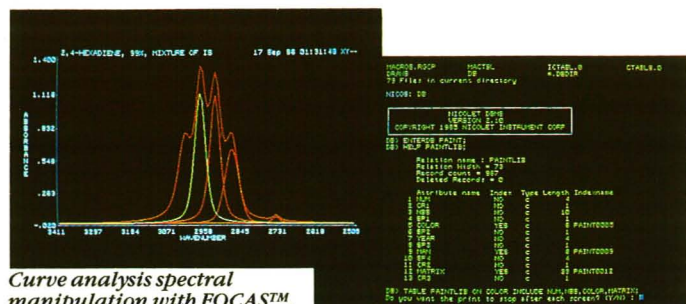
Nicolet's new 600 Series computers with dual-bus architecture further enhance your spectral processing capabilities by providing the perfect combination of high-speed interactive spectral processing functions (on the Nicolet Bus) and industry-standard interfacing (with the SCSI Bus) to the latest data system storage devices, peripherals, and accessories. Whether you need to download/integrate dispersive IR data into your FT-IR, interface to your laboratory PC, or integrate your FT-IR systems into a laboratory network, the 600 Series has all the adaptability you need plus the unmatched real-time processing performance you'd expect from the FT-IR industry leader.

Circle #430



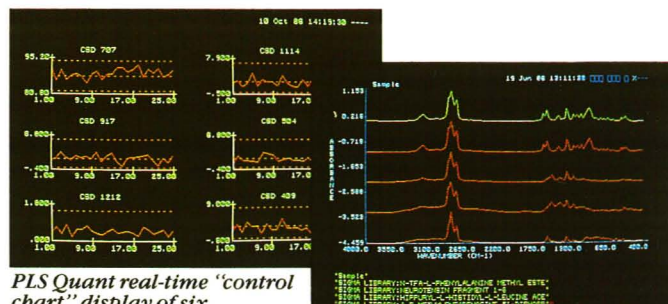
Nicolet 620 spectral workstation (front); PC-IR workstation (left) and MicroVAX II workstation (right).

Nicolet brings it all together with communications software to tie FT-IR into the VAX LIMS/SM[®] network.



Curve analysis spectral manipulation with FOCAS™.

Attribute listing from a sample NIC-SIS data base.



PLS Quant real-time "control chart" display of six concentration variations.

Best match display of spectra, comparing an unknown with spectra from the on-line Sigma Biochemical Library.

FT-IR Software

NIC-COM Nicolet-VAX® Communications Package

Communication of spectroscopic information and other data between different computers is becoming increasingly important in today's integrated laboratory. The NIC-COM communication package for the Digital Equipment Corporation VAX® with VMS operating system is an important tool for such laboratories. With bi-directional communication capabilities, utilizing error detection and correction, spectral files or text files can be processed on whichever data processor is best suited for the task. "Wild-card" transmissions from the Nicolet data processor to the VAX-VMS are possible, as well as "batch" operations in both directions, allowing unattended operation even for large transfers of data.

Circle #431

NIC-SIS Spectroscopic Information System

NIC-SIS is an information management system specifically designed to handle the large data files required in spectral storage. NIC-SIS includes all of the standard features of a relational data base management system, but unlike other relational data bases, NIC-SIS is integrally linked with the rest of your spectral processing.

Circle #432

PLS QUANT

Nicolet's Partial Least Squares (PLS) multivariate analysis software package is the most sophisticated quantitative analysis software available from any FT-IR spectrometer manufacturer.

The PLS analysis software is a statistical approach to infrared quantitative analysis. Spectral regions, rather than discrete absorption bands, are selected for the analysis.

A total of eleven components can be analyzed simultaneously with a maximum of twenty-four reference and validation samples used during the calibration. The program is completely menu-driven with spreadsheet style entry of all calibration and analysis information.

Circle #433

FOCAS™ Curve Analysis

FOCAS™ (Full Optimization Curve Analysis Software) is a powerful tool used to reveal discrete quantitative and qualitative spectral information which is too subtle to be conclusive under normal spectral manipulation. In combination with Interactive Fourier Self-Deconvolution, Search and Partial Least Squares Quantitative Analysis Software, it forms an unbeatable package.

Circle #434

Nicolet Infrared Spectral Libraries: The largest data base of FT-IR spectra available today

Nicolet's reputation for quality has made them the leading manufacturer of FT-IR spectrometers in the world. This same commitment to quality can be found in their comprehensive collection of infrared spectra, all of which were acquired on a Nicolet research FT-IR. The Nicolet infrared data base contains more FT-IR spectra than any other commercially available collection.

Aldrich Condensed Phase Library of FT-IR spectra represents a majority of the compounds in the Aldrich catalog. The 10,600 compounds included in this library were analyzed in the liquid or solid phase.

Aldrich Vapor Phase Library consists of 4,800 high-quality vapor phase spectra.

Sigma Biochemical Library contains 10,400 spectra from compounds in the Sigma catalog. The majority of these compounds are biological in nature, including proteins, nucleic acids, peptides, enzymes, and other biochemicals.

Hummel Polymer Library consists of 2,000 spectra of polymers and polymer-related materials such as monomers, additives and solvents.

Forensic Library offers 1,200 spectra from the Georgia State Crime Laboratory.

Surfactants Library is a collection of 525 surfactant spectra run for Nicolet by Clara Craver of CHEMIR.

Industrial Coatings Library consists of 1,000 spectra. The library contains spectra from acrylics, polymers, solvents, and additives.

Steroids Library is a large library of 2,500 steroid spectra and represents the most comprehensive collection of steroid spectra available.

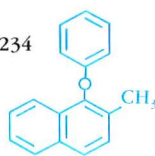
Common Solvents Library includes gas and condensed phase spectra of 100 solvents frequently encountered in various industrial environments.

Sublibraries available of select groups including: aliphatic and aromatic aldehydes and ketones (834 spectra); dyes, stains and natural pigments (628 spectra); organometallics and inorganics (632 spectra).

Circle #435

$C_{17}H_{14}O$

Molecular Weight: 234



HIGH RESOLUTION MEASUREMENTS (50 amu mass range)

Meas. Mass	Formula	Calc. Mass	Deviat. (ppm)
203.085967	$C_{16}H_{11}$	203.086075	0.5
205.101728	$C_{16}H_{13}$	205.101726	0.0
215.086231	$C_{17}H_{11}$	215.086075	0.7
218.073154	$C_{16}H_{10}O$	218.073165	0.1
219.081098	$C_{16}H_{11}O$	219.08099	0.5
233.096539	$C_{17}H_{13}O$	233.09664	0.4
234.103397	$C_{17}H_{14}O$	234.104465	0.3

Figure 1. Elemental compositions determined from accurate mass measurements in the high resolution mode. (Sample courtesy of M.L. Gross, U. of Nebraska)

FTMS-2000 Fourier transform Mass Spectrometer

With its elegant simplicity, extraordinary performance and versatility, the FTMS-2000 is suited to solving the most challenging analytical problems in mass spectrometry.

Fourier transform mass spectrometry offers many important advantages over conventional scanning instrumentation in the same way that FTIR and FTNMR improve on the older dispersive and continuous-wave techniques.

The FTMS-2000 separates ion formation, reaction, and detection in time rather than in space. Sophisticated manipulation of sample ions can be performed with relatively simple hardware, and with no moving parts.

Since ions are stored and non-destructively detected within the FTMS-2000 analyzer, multiple experiments such as chemical ionization, negative ion detection, and multistage mass spectrometry (MS/MS) can be performed without

expensive and time consuming hardware modifications.

All ions are detected simultaneously, making the FTMS-2000 ideal for use with pulsed techniques such as laser desorption/laser ionization. The differentially pumped dual-cell configuration ensures compatibility with high-pressure chromatographic techniques.

High resolution and accurate mass measurements

The ability to separate multiple species at the same nominal mass and to accurately measure the exact masses of the separated components is a powerful problem-solving feature of high-resolution mass spectrometry (Figures 1 and 2).

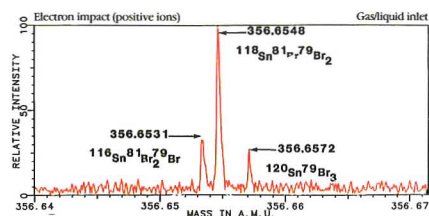


Figure 2. This volatile solid sample $SnBr_3$ produces a triplet at nominal m/e 357, which had never been observed before with any conventional mass spectrometer. It is shown here with baseline separation and a resolution of 833,000. Measured isotopic ratios are in good agreement with calculated theoretical values. Sample courtesy of Pr. F.W. McLafferty, Cornell University.

Laser ionization/laser desorption FTMS

Laser pulses desorb and ionize a wide variety of otherwise intractable samples. By trapping ions produced during these very short laser pulses, high-mass and high-resolution analyses of thermally labile, highly polar, and involatile compounds are possible (Figures 3-5).

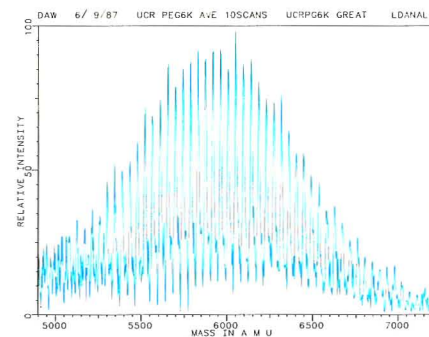
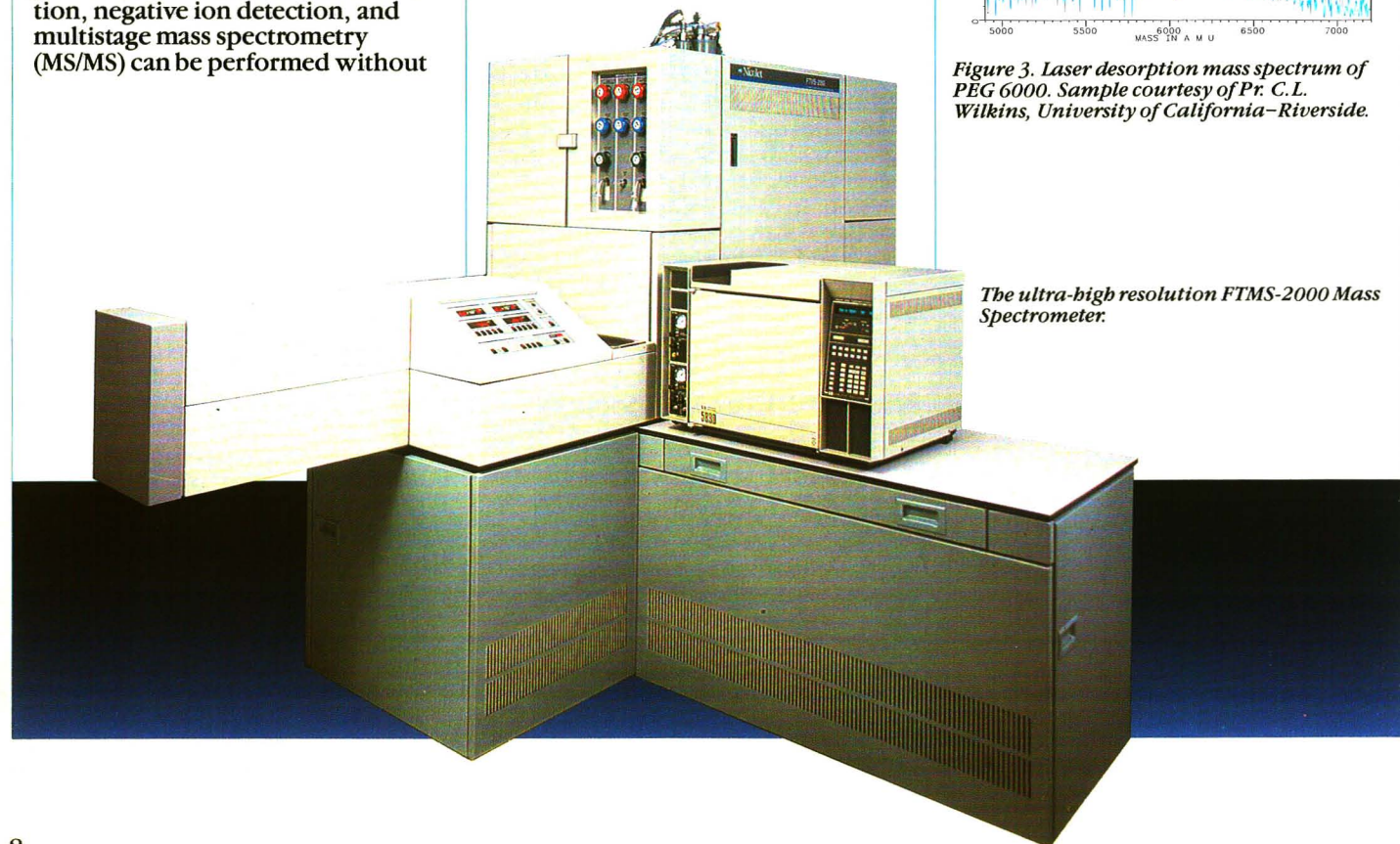


Figure 3. Laser desorption mass spectrum of PEG 6000. Sample courtesy of Pr. C.L. Wilkins, University of California-Riverside.



The ultra-high resolution FTMS-2000 Mass Spectrometer.

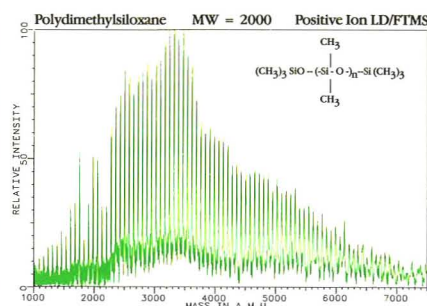


Figure 4. Laser desorption spectrum of polydimethylsiloxane.

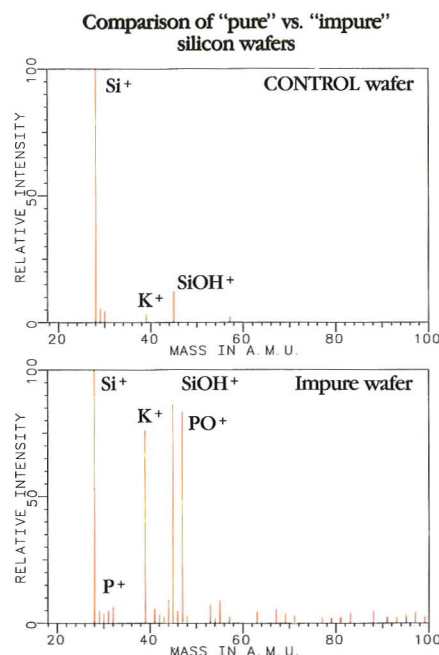


Figure 5. Inorganic as well as organic species may be analyzed using laser desorption. Impurities on the surface of silicon wafers are indicated by the presence of P^+ and PO^+ species absent on the control wafer.

Formula	Measured Mass	Calculated Mass	Unsat. Index	Deviation (ppm)
dibenzosuberone (EI):				
$C_{15}H_{16}O(P^+)$				
$C_{15}H_{11}O$	207.08017	207.08044	10.5	-1.30
$C_{14}H_{13}$	193.06454	193.06479	10.5	-1.29
$C_{14}H_{12}$	180.09272	180.09335	9.0	-3.50
$C_{14}H_{11}$	179.08519	179.08553	9.5	-1.90
$C_{13}H_9$	165.07010	165.06988	9.5	1.33

Figure 7. Accurate mass measurements on daughter ions from CAD simplify the interpretation of MS/MS spectra by providing elemental composition information for the fragment ions.

High sensitivity

Analytical methods unique to trapped-ion analyzers such as the FTMS-2000 allow for novel methods of analysis and access to information not available to conventional instruments. By trapping electrons in the analyzer, highly efficient electron-capture ionization occurs for electronegative compounds such as halogenated organics (Figure 6).

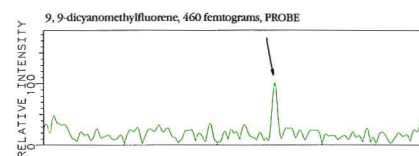


Figure 6. Electron-captured ionization of 9,9-dicyanomethylfluorene at the 500 fg level.

Multistage mass spectrometry (MS/MS)

The FTMS-2000 allows great flexibility in performing MS/MS experiments. Pulsed valves allow the introduction of collision gases for collision-induced dissociation (CID), while maintaining a favorable low-pressure environment for high resolution measurements (Figures 7 and 8).

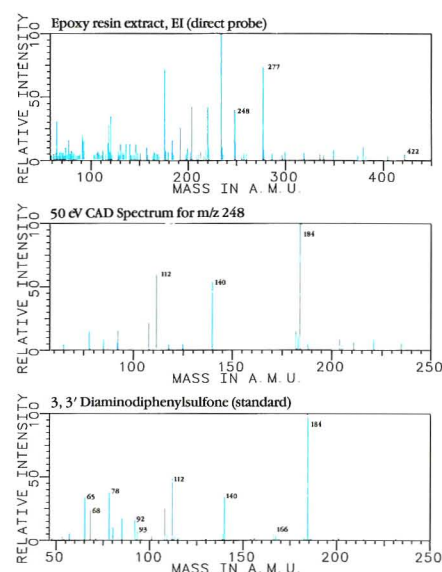


Figure 8. 50eV CID daughter spectrum of m/z 248 in an epoxy resin extract. Comparison of this spectrum to the spectra of standards allowed the assignment of this peak to 3,3'-diaminodiphenylsulfone.

Circle #436



FTMS-2000 data console.

Coefficient of variance (CV) for components in a test mixture

Compound	Set A ^a		Set B ^b		Set C ^c	
	Mean retention time, N ^d	CV	Mean retention time, N	CV	Mean retention time, N	CV
Uracil	2.781	0.540	2.686	0.084	2.752	0.064
Phenol	3.626	0.596	3.562	0.093	8.286	0.074
Acetophenone	4.233	0.820	4.354	0.112	9.165	0.084
Nitrobenzene	4.759	1.040	5.051	0.156	9.302	0.116
Methyl benzoate	5.421	0.913	5.308	0.171	9.677	0.079
Toluene	8.396	1.340	8.232	0.133	10.320	0.038

^aIsocratic premix, 60:40 acetonitrile: H₂O; flow rate, 1 ml/min. ^bIsocratic binary mix by LC/9560; conditions same as for premix. ^cGradient elution, 0%-100% acetonitrile-H₂O in 10 min.; flow rate, 1 ml/min., 65°C. ^dN = number of injections (40)

Typical performance values under various operating conditions.

New LC instrumentation from Nicolet

LC/9500 Series LC/9560 Ternary Liquid Chromatograph

The Nicolet LC/9560 Ternary Gradient Liquid Chromatograph is a microprocessor-controlled system that features modular components to perform a wide variety of HPLC applications. This compact instrument combines gradient capability, temperature control and helium degas to form an integrated, reliable system.

Since ease-of-use is a major consideration in the laboratory, the LC/9560 is designed for both ease of operation and maintenance.

Versatility of the unit can be found in the variety of operational modes available to the user as well as the modular design of the instrument. The unit provides dial-a-mix, step gradient, isocratic, binary/ternary gradient, microbore, analytical, and semi-prep flow programming capabilities.

Circle #437

LC/9560 ternary gradient chromatograph.



LC/9500 Series LC/9505SE Automatic Sample Handler

The LC/9505SE is designed to provide the user with flexible operation and reliable performance. The automatic sample handler allows the user to control the injection volume, run time, and the number of injections per vial. The number of washes between vials, the sample fill rate, and the order in which samples are injected are also user-selectable. With a logically organized, easy-to-use keypad, the LC/9505SE lets you enter a single line of instructions for a group of samples or set separate parameters for each vial.

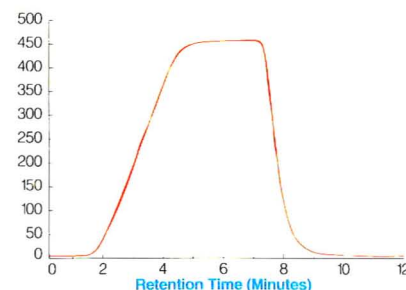
Circle #438

LC/9500 Series Detectors

To accommodate a wide range of LC experimental requirements, Nicolet offers a choice of detectors for use with the LC/9500 Series systems.



LC/9505SE automatic sample handler.



Conditions. Solvents: A = methanol; B = methanol/0.2% acetone. Gradient: 0%B-100%B in 5 mins. Flow: 2 ml/min. Hold 3 min. and return to initial conditions.

Overlay of 10 gradient profiles.

The LC/9570 is designed to operate in a variety of user selectable modes. The unit detects compounds that absorb light in either the ultra-violet or visible regions of the spectrum. The LC/9570 uses state-of-the-art diode array detection technology to provide the user with an easy-to-use yet powerful system.

Other Nicolet detectors include the LC/9525H refractive index detector, the LC/9563 variable wavelength detector, and the LC/9524H fluorescence detector.

Circle #439

Quality HPLC Columns

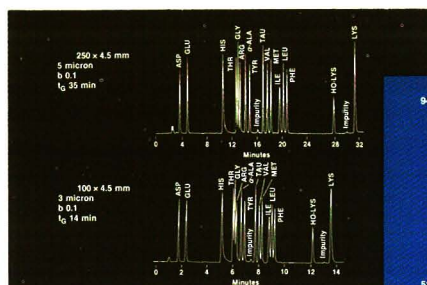
Nicolet offers premium high performance liquid chromatography columns to help make your separations cost-effective. Choose from a broad range of general and specialized packings, column dimensions, and particle sizes to meet your individual needs.

Our columns, developed by chromatographic experts, are designed for efficiency, excellent peak symmetry, selectivity, and long life. A combination of advanced technology and quality assurance provides columns that are reproducible. The result—reproducible chromatography.

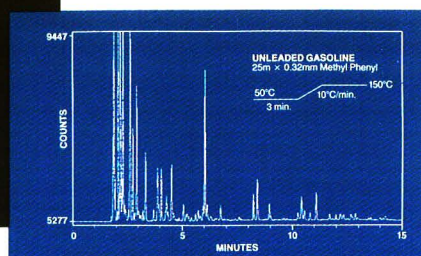
Circle #440

LC/9570 programmable diode array detector.

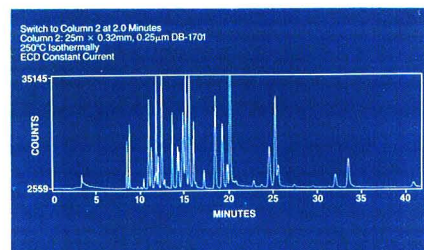




LC analysis of PTH amino acid.



GC analysis of gasoline.



Dual-oven analysis of PCBs in methylene chloride.

New GC instrumentation from Nicolet

PC-Based Integrator acquires, stores, and processes chromatographic data

The PC Integrator is a low-cost, dual-channel chromatography data system that enables the chemist to acquire and store, process and reduce to final report chromatography data.

The PC Integrator offers the chemist increased data handling capability including the ability to access stored raw data and reintegrate under different selected conditions. In addition, the PC Integrator can acquire data from the chromatograph, and at the same time, run another third-party program such as Lotus 1-2-3.

The PC Integrator is easy to use. The user interacts with the software through simple menu screens. The system will accept values selected by the user, or supply default values calculated to be within the range of normal use.

[Circle #441](#)

Versatile Dual-Oven Gas Chromatograph offers higher resolution for complex samples

The Nicolet Dual-Oven GC/9630 gas chromatograph is microprocessor-controlled and designed to provide outstanding performance combined with ease of operation. This bench-top instrument provides the versatility, reliability and accuracy that are essential in laboratories requiring high resolution GC analysis.

[Circle #442](#)

Optional Multi-Purpose Oven

The versatile GC/9630 has been designed for easy access and interfacing to an auxiliary multi-purpose oven. The optional multi-purpose oven (MPO) connects to the host GC/9630 through a temperature-programmed interface. The multi-purpose oven can be temperature-programmed with two linear ramps. Configured with its own injectors and detectors, the MPO can be operated as a separate GC system. The injectors, detectors, gas flows, and electronic signals are controlled from the host GC.

[Circle #443](#)

Multi-Dimensional GC

The dual-oven GC configuration provides chromatographic separation capabilities, which normally cannot be accomplished with two separate gas chromatographs. Applications include the use of two columns in series for improved resolution, for backflushing, or for heartcutting; the use of two columns in parallel from one injection port for simultaneous confirmational analysis; and the use of two columns operated totally independently with their own injectors, detectors, and ovens. In all cases, the two columns are housed and temperature-controlled in their own ovens.

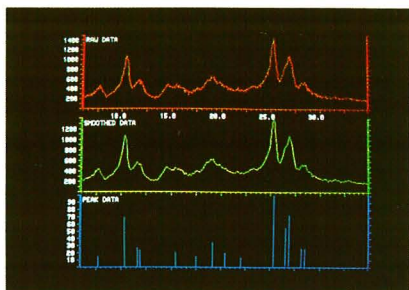
[Circle #444](#)



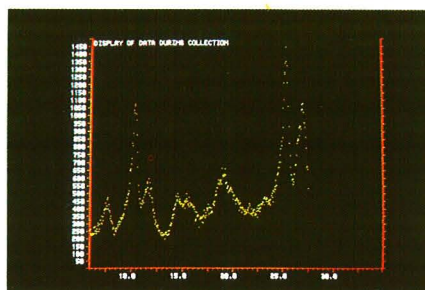
GC/9630 multi-dimensional gas chromatograph.

GC/9630 with the dual MPO (multi-purpose oven).

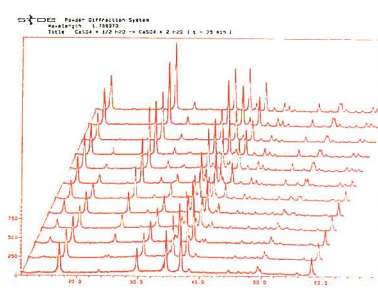
X-Ray Diffraction



Display of raw data (top), smoothed data (center), and d-spacings (bottom).



Raw data display during data collection.



Phase transition study using the STOE system with a high-temperature attachment.

Nicolet Polycrystalline X-ray Diffraction Systems

Nicolet X-ray brings the full capability of x-ray diffraction to the polycrystalline laboratory. Whether you need a versatile powder diffractometer system or a specialized system for materials analysis, Nicolet's comprehensive line of powder diffractometers and advanced technology attachments can provide your laboratory the optimal blend of research performance and experimental versatility. Our instruments range from biplaner goniometers to transmission systems to double monochromator diffractometers. In addition, Nicolet systems offer leading technology attachments and accessories.

And now the uncompromising combination:
Nicolet's new x-ray powder diffractometer with the MicroVAX II or MicroVAX 2000™ computer.

With Nicolet's new I2/V, you no longer have to sacrifice powder diffractometer performance and versatility for computer compatibility. Incorporating the powerful MicroVAX II or the impressively compact MicroVAX 2000 32-bit architec-

ture computers, the I2/V offers versatile application performance and unsurpassed processing speed and power for today's operating environments. The system can also be linked into the Digital Equipment Corporation LIMS (Laboratory Information Management System) network.

Circle #445

Introducing the Nicolet/STOE Transmission Diffractometer

The Nicolet/STOE System integrates a high resolution focused, monochromatic beam diffractometer with Nicolet's new solid-state x-ray generator and powerful software package.



STOE transmission goniometer with curved focusing monochromator.

The angular resolution of the transmission goniometer is comparable with that of Guinier geometry. Coupled with the STOE Curved Position Sensitive Detector (PSD) this system is ideal for microanalysis.

When the STOE high temperature attachment is added to this configuration the system is ideal for phase transition and kinetic studies. The curved PSD can collect data up to 10 times faster than conventional techniques, with greatly improved counting statistics.

The focused, monochromatic x-ray beam facilitates studies of such items as lattice mismatch in semiconductors and opto-electric devices.

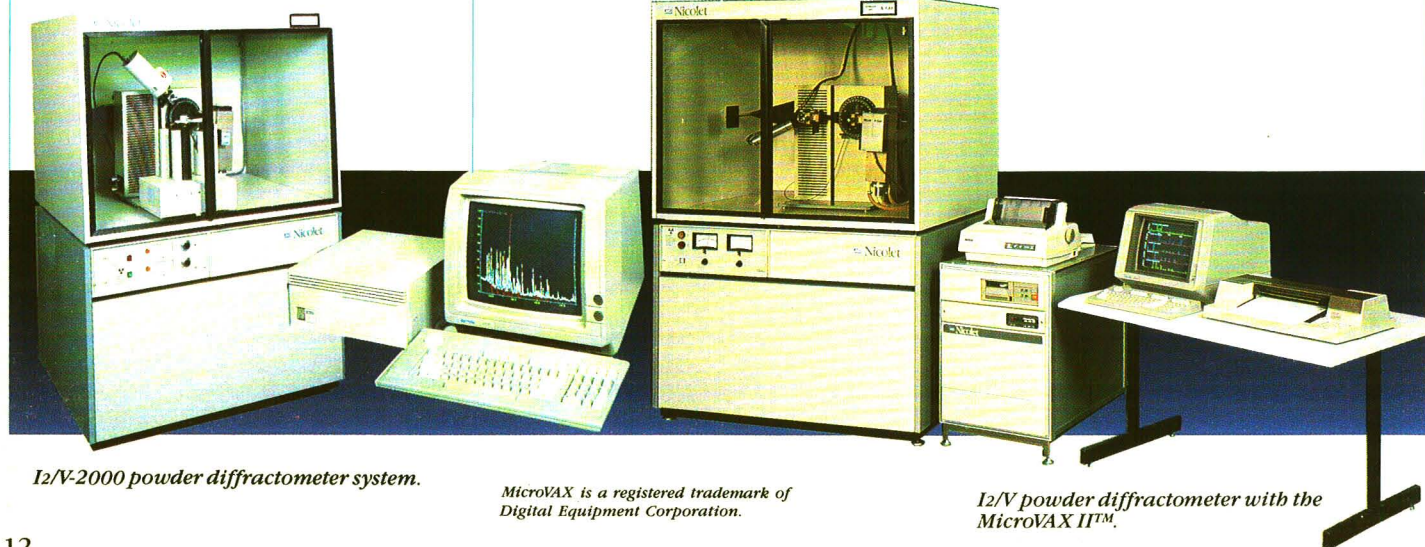
Circle #446

Leading X-ray Detector technology

To meet varying experimental requirements, Nicolet offers a wide range of detectors for the I2/V and STOE systems including:

- Scintillation detector
- Linear PSD (position sensitive detector)
- Two curved PSDs
- Solid-state detector

Circle #447



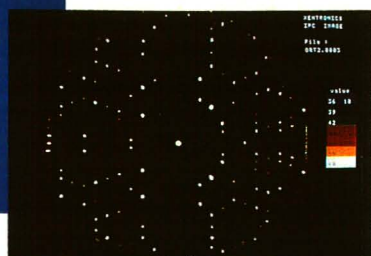
I2/V-2000 powder diffractometer system.

MicroVAX is a registered trademark of Digital Equipment Corporation.

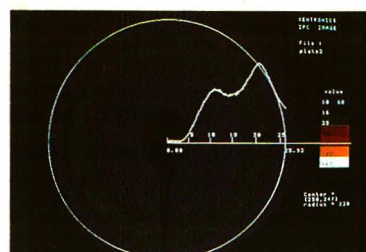
I2/V powder diffractometer with the MicroVAX II™.



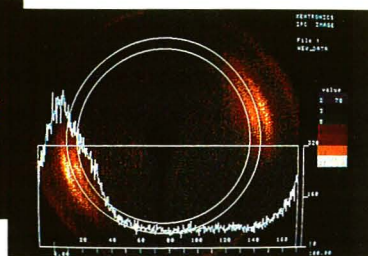
SHELXTL space-filling molecular display.



X-ray diffraction pattern of Lysozyme protein.



Area detector polymer diffraction pattern for graphic analysis.



Azimuthal integration showing preferred orientation in polymer fiber diffraction pattern.

Nicolet Single Crystal X-ray Diffractometers

Integrated systems for crystallographic analysis of small molecules: Nicolet P3/R3 Series

Full-circle geometry provides unequalled stability, and permits installation of low temperature devices opposite the crystal.

Data collection routines are menu-driven from host MicroVAX™ computer.

Structure solution and refinement with SHELXTL PLUS is enhanced with the new crystallographic workstation's molecular graphics.

Circle #448

New Crystallographic Workstation for single-crystal small molecule systems

The sophisticated molecular graphics routines previously available only as part of a SHELXTL package are now available as an integrated crystallographic workstation.

The Nicolet Crystallographic Workstation connects directly to the laboratory MicroVAX computer by RS-232 line, and provides off-line molecular graphics capabilities, leaving the MicroVAX free to run SHELXTL PLUS structure solution and refinement jobs.

Among the facilities offered on the workstation are:

- Interactive molecular geometry calculations.
- Thermal motion analysis.
- Least-squares planes.
- Vibrational analysis.
- Symmetry transformations and generation of symmetry-equivalent atoms.

Circle #449

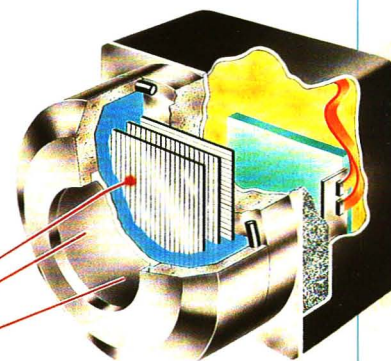
Nicolet Area Detectors for macromolecular research and general diffraction studies

The Nicolet Area Detector is a two-dimensional imaging proportional counter ideally suited to applications in single-crystal analysis, protein and macromolecular data collection, materials analysis studies, Laue analysis, and general diffraction studies requiring forward or back reflection measurements.

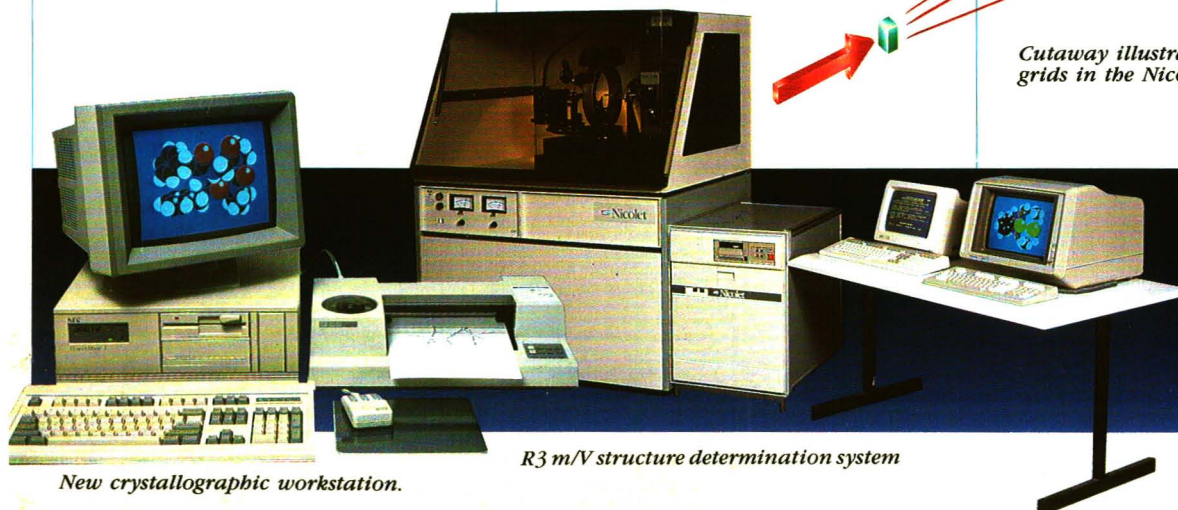
System features include:

- Compact Size—9" × 9" × 7".
- Quantum Efficiency—Real time x-ray photon counting and high speed imaging.
- High Spatial Resolution—200 micron resolution at the detector surface (FWHM) provides improved counting statistics.
- Large Field of View—60° at 11 cm detector-to-specimen distance.
- 10⁶ Dynamic Range—Permits weak intensity information to be effectively imaged.

Circle #450



Cutaway illustration of electronic grids in the Nicolet area detector.



New crystallographic workstation.

R3 m/V structure determination system

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Nicolet
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STANDARDS TO BURN



Calibration standards for ICP, DCP, AA, XRF and emission spectrometric analysis of metals in oils and other organics.

STANDARDS TO BURN

CONOSTAN® metallo-organic standards are specially prepared organic sulfonates in an oil base.

They are used extensively in the calibration of instruments for the analysis of metals in oil and other organics. The variety of forms affords convenience as a reference material for individual metals in atomic absorption, x-ray fluorescence, flame, ICP, and other emission spectrometric analyses.

5000 ppm* Standards

Individual CONOSTAN standards at 5000 ppm metal in hydrocarbon oil solution are available for each of the following elements:

Ag Silver	Al Aluminum	B Boron
Ba Barium	Be Beryllium	Bi Bismuth
Ca Calcium	Cd Cadmium	Co Cobalt
Cr Chromium	Cu Copper	Fe Iron
In Indium	K Potassium	La Lanthanum
Li Lithium	Mg Magnesium	Mn Manganese
Mo Molybdenum	Na Sodium	Ni Nickel
P Phosphorus	Pb Lead	Sb Antimony
Si Silicon	Sn Tin	Sr Strontium
Ti Titanium	V Vanadium	W Tungsten
Y Yttrium	Zn Zinc	

Concentrates

The metals listed in the table above are also available as concentrates. The concentrates are liquid and can be easily blended with oil and/or each other for special requirements. The metal content of each concentrate will fall in the range of 0.5% to 13.8% and is different for each element. The metal content in current lot numbers for each concentrate is available on request.

Mercury, Arsenic, Selenium

These metals in oil are available as individual reference standards at 100 ppm. The reliability of these standards is comparable to the 5000 ppm series, but control analyses are run by methods appropriate to the low levels at which they are used.

Scandium

Scandium at 2000 ppm* metal in hydrocarbon oil solution. This product was developed for use as an internal standard for inductively-coupled plasma (ICP) applications.

Blended Standards

CONOSTAN blended standards are unique for the direct-reading emission spectrometric determination of trace metals in oil.

CONOSTAN S-12 standards are blends of equal amounts each of the following 12 elements:

Ag	Al	Cr	Cu	Fe	Mg
Na	Ni	Pb	Si	Sn	Ti

CONOSTAN S-21 standards are blends of equal amounts of the following elements:

Ag	Al	B	Ba	Ca	Cd	Cr
Cu	Fe	Mg	Mn	Mo	Na	Ni
P	Pb	Si	Sn	Ti	V	Zn

These elements are blended to approximately 75 cSt viscosity in a hydrocarbon oil. They are available at the following concentrations: 900, 500, 300, 100, 50, 30 and 10 ppm, packaged in polyethylene bottles.

Quality

CONOSTAN standards are **compatible** with each other in any oil without the need for solubilizers.

CONOSTAN standards are relatively **stable**. Some dilute solutions may require a stabilizer, which is available from the CONOSTAN Division.

Freeze-thaw tests on blended CONOSTAN standards show no significant deterioration when stored at -40°F to +150°F.

CONOSTAN standards are **nonvolatile**, being made in oils having a minimum of 340°F flash point.

CONOSTAN standards are **soluble** in ketones as well as in all hydrocarbons.

*ppm = micrograms metal per gram product

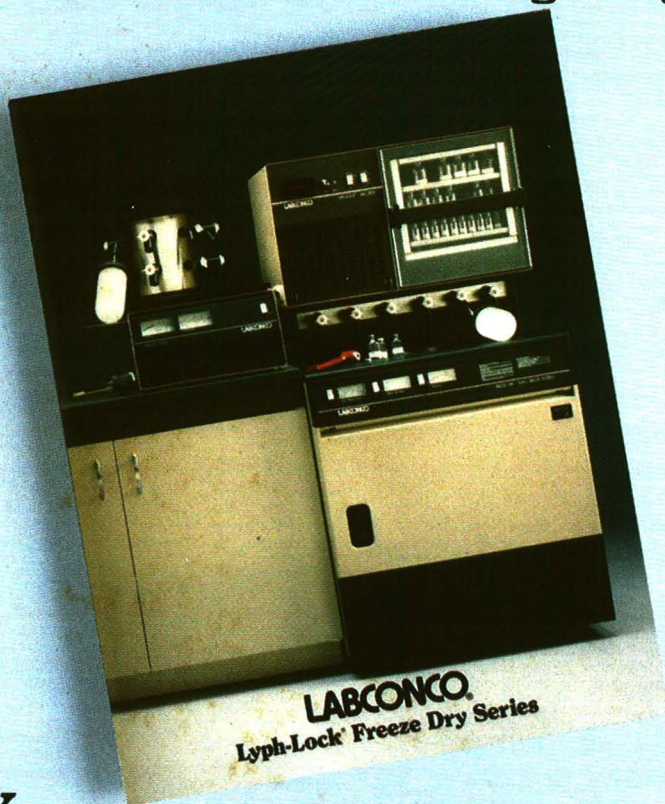


For Additional Information, Call or Write:

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NOV 16-20, 1987	American Society for Cell Biology, St. Louis, MO	

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2. Greater reliability
Improved high-capacity refrigeration systems minimize concern over melt-back and lost samples. Models with built-in shell freezers have two separate refrigeration systems so optimum performance is insured even when the shell freezer and freeze dryer are operated simultaneously.

The reliability of Labconco's new Lyph-Lock Freeze Dry Systems is guaranteed for one full year and is backed up by your local laboratory supply dealer for fast, dependable service.

3. Improved user-convenience
The new Lyph-Lock Series Freeze Dry Systems were designed with the user in mind. You'll discover many features that offer greater user-convenience: quick defrosting condensers, front access to interior components, drain line, and vacuum pump for greater serviceability, and easy-to-read electronic vacuum and temperature gauges standard. All this packaged in space-saving cabinets that are attractive, functional and compatible with your laboratory's needs.

4. No premium in equipment costs
You might expect these state-of-the-art freeze dry systems to cost a little extra. But the advances in engineering and manufacturing technology reflected in these units result in lower prices than you might expect. And all Lyph-Lock Systems are manufactured in America.

5. Better service before and after the sale
Lyph-Lock Systems are sold and serviced through leading laboratory supply dealers worldwide. This means you receive information and assistance fast, before and after you buy, from the same dealer you rely on for your other lab needs.

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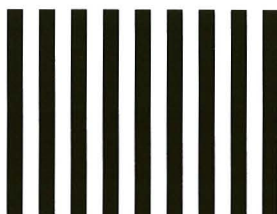
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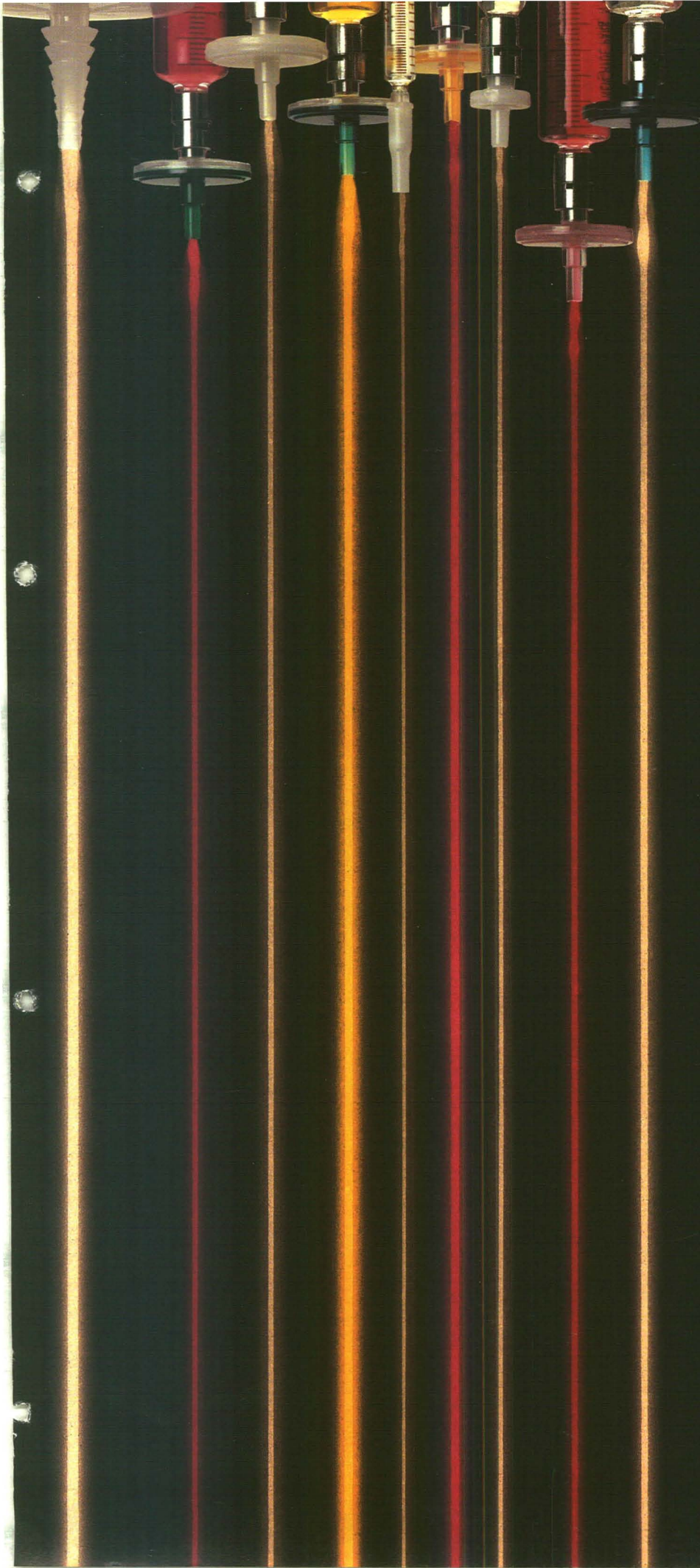
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One For All.

Millex[®] Filter Units remove contamination from virtually every liquid or gas used in the laboratory.

MILLIPORE

Millex Filter Units Set the Standards

The first Millex filter units were introduced nearly 15 years ago and rapidly became the laboratory standard for fast, convenient, and reliable small-volume filtration. The Millex line of filter units has grown as your research requirements have evolved over the years. Now, there's a Millex unit to reliably sterilize or ultraclean virtually every liquid or gas used in the laboratory.

Tough quality standards ensure reliable performance

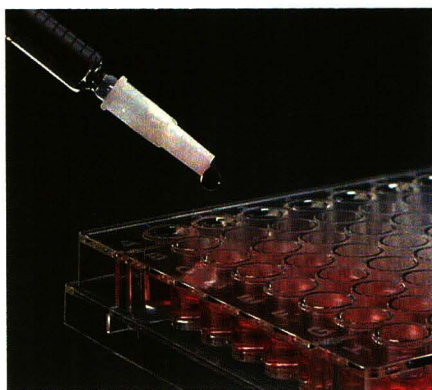
Millex units are subjected to a variety of tests to ensure that they meet the rigorous standards Millipore has established over the years.

Membrane and other raw materials are thoroughly Q.C. tested prior to fabrication, while each Millex unit is

individually tested for membrane and housing integrity after fabrication. In fact, Millex filter units are subjected to more quality control procedures and tests than any other line of syringe filter units. This is your assurance of reliable performance lot after lot.

Designed for maximum sample recovery

All Millex filter units are designed for maximum sample recovery, so there's no need to avoid filtration due to concern over sample loss. Our 4 mm units provide a hold-up volume of less than 10 μ l after air purge, while the 25 mm units provide a hold-up volume of less than 0.1 ml. The new 13 mm units provide a hold-up volume of less than 50 μ l. So you get back almost all of your valuable samples!

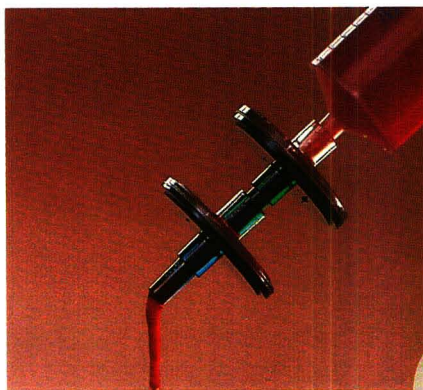


Top left—The Millex-GV₄ Filter Unit incorporates the low-protein-binding Durapore membrane and is ideal for the sterilization of biological solutions in volumes under 1 ml.

Top center—The Millex-PF unit can be used upstream of another Millex unit for the pre-filtration of heavily-contaminated solutions.

Top right—The low-protein-binding Millex-GV unit is ideal for the sterilization of antibiotics, lymphokines, hormones, and other dilute protein solutions.

Right—The Millex-FG₅₀ unit has many laboratory applications, including the protection of pumps and vacuum sources from damage by liquid aerosols.



One Line for All Applications

There's no need to switch suppliers to meet your various application needs. The breadth of the Millex unit line makes Millipore your *single-source supplier* of small-volume, syringe-operated filter units. Millex units are available in four different membrane types, in four different diameters, and in four pore sizes ranging from 0.22 μm to 5.0 μm . They are also available in PVC, polyethylene, or polypropylene housings. No matter what the application, there's a Millex unit to meet your specific requirements. And if you're not sure which Millex unit is best for you, call our Technical Services Department toll-free at 800-225-1380 (in Massachusetts, dial 617-275-9200).

Key components in the research laboratory

For years the 0.22 μm Millex-GS unit and the 0.45 μm Millex-HA unit have been the filter units of choice for the sterilization of aqueous fluids, such as media, dyes, water, and other solutions. For the prefiltration of heavily-contaminated solutions, the 0.8 μm Millex-PF filter unit can be used upstream of another Millex unit. This unit is also suitable for serum clarification and cryoprecipitate removal.

The Millex-FG₅₀ filter unit can meet a variety of laboratory needs, such as the sterilization of ambient fermentor air and the filtration of incubator gas to prevent culture contamination. It also protects pumps and vacuum sources from damage by liquid aerosols.

Advancing biological research

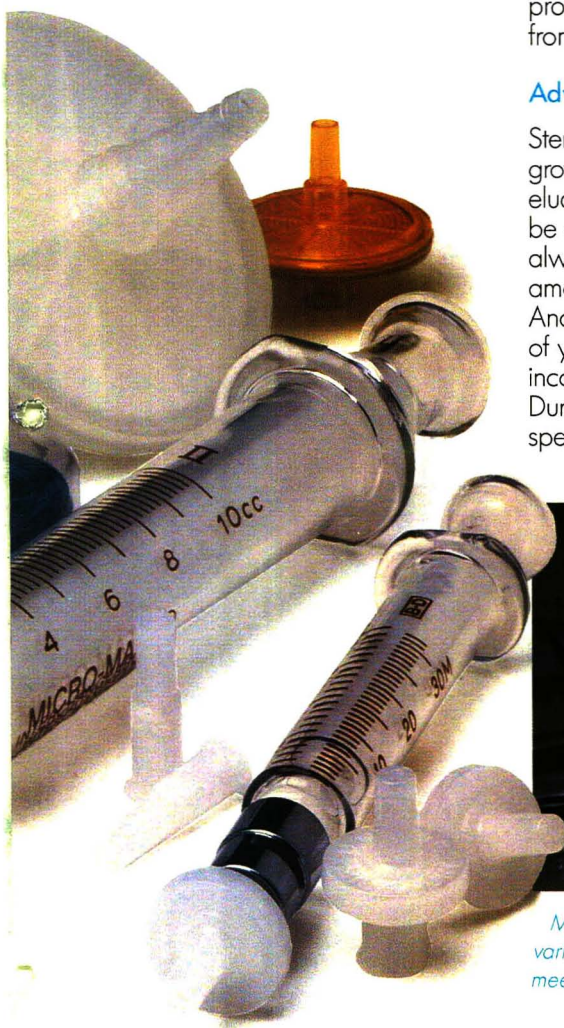
Sterilization of conditioned medium, growth factors, virus, or protein column eluates prior to biological assay can be a sensitive procedure. There's always the risk of losing precious amounts of protein to the membrane. And that can compromise the success of your research. The Millex-GV unit, incorporating the low-protein-binding Durapore® membrane, was designed specifically for the sterilization of dilute

protein solutions in the 1-100 ml volume range. Studies* have shown that the Millex-GV unit is the lowest protein-binding syringe filter unit available today, providing greater than 97% recovery. Because the risk of protein loss is even greater in the smaller volume ranges, the 4 mm Millex-GV₄ unit was recently introduced for the sterilization of microliter volumes (≤ 1 ml) of biologicals.

Eliminating the variables from your chromatography

The Millex line of HPLC filter units eliminates unwanted variables from your chromatography by providing fast, reliable sample filtration. Filtration with Millex units helps eliminate the contaminants that can accumulate in column packings to cause irreversible plugging and premature column replacement, and will also remove particulate and chemical contaminants that can result in spurious chromatographic peaks. This means more reliable, reproducible results.

The ultraclean design of Millex filter units won't *add* anything to your samples either. Low-extractable membranes are incorporated into naturally-white, solvent-resistant housings without glues or binders to compromise your solution.



Millex HPLC Filter Units are available in a variety of membrane and housing materials to meet a wide range of solvent compatibilities.



The new 13 mm Millex filter unit line allows the filtration of HPLC samples in the 0.5 ml to 10 ml volume range.

*Use the reply card to request Millipore publication TB004, "Results of Protein Binding Studies Conducted on the Millipore Millex-GV Filter Unit" (1984).

For Additional Information

See for yourself!

We'll make it easy. Our handy applications chart will help you select the Millex filter unit which best meets your needs. Or you can use the postage-paid reply card to request copies of our Millex unit wall charts, Millex Trial Packs, and HPLC Prep Kits.

To discuss your application, call the nearest number listed below:

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Millex Filter Unit Selection Guide

Application(s)	Recommended Millex Unit	Pore Size	Volume Range	Catalogue No.	List Price
• Sterilization of dilute protein solutions (enzymes, hormones, interferon, etc.)	• Millex-GV, 25 mm	0.22 μ m	1-100 ml	SLGV 025 LS (50/pk)	\$ 78.20
• Removal of bacteria from virus suspensions	• Millex-GV ₄ , 4 mm	0.22 μ m	$\leq$ 1 ml	SLGV L04 OS (100/pk)	\$105.00
• Sterilization of aqueous solutions	• Millex-GS, 25 mm	0.22 μ m	1-100 ml	SLGS 025 OS (50/pk)	\$ 72.30
• Aseptic dispensing of small-volume fluids					
• Ultracleaning of aqueous fluids	• Millex-HA, 25 mm	0.45 μ m	1-100 ml	SLHA 025 OS (50/pk)	\$ 72.30
• Filtration of colorimetry samples and standards					
• Filtration of radiotracer solutions					
• Sterilization of alcohol	• Millex-FG, 25 mm	0.2 μ m	1-100 ml	SLFG 025 LS (50/pk)	\$ 85.30
• Protects vacuum sources from aqueous aerosols					
• Sterile air venting/filtration of gasses					
• Serum clarification/removal of cryoprecipitates	• Millex-PF, 25 mm	0.8 μ m	1-100 ml	SLAA 025 LS (50/pk)	\$ 35.60
• Prefiltration					
• Sterile venting	• Millex-FG ₅₀ , 50 mm	0.2 μ m	Up to 10 liters (solvents)	SLFG 050 10 (10/pk)	\$ 51.00
• Protects vacuum sources from bio-hazards and corrosive liquids				SLFG 050 00 (100/pk)	\$459.00
• Sterilization of ambient fermentor air					
• Filtration of incubator gas to prevent culture contamination					
• Filtration of nitrogen/air used to dry liquid samples					
• Solvent filtration					
• Filtration of non-aqueous solvents and samples (HPLC, GLC)	• Millex-SR, 25 mm	0.5 μ m	1-100 ml	SLSR 025 NS (50/pk)	\$ 87.20
• Compatible with all organic solvents				SLSR 025 NB (250/pk)	\$281.00
	• Millex-FGS, 25 mm	0.2 μ m	1-100 ml	SLFG 025 NS (50/pk)	\$ 87.20
				SLFG 025 NB (250/pk)	\$312.00
	• Millex-LS, 25 mm	5.0 μ m	1-100 ml	SLS 025 NS (50/pk)	\$ 87.20
	• Millex-FH ₁₃ , 13 mm	0.45 μ m	0.5 ml-10 ml	SJFH 013 NS (100/pk)	\$ 98.00
	• Millex-FG ₁₃ , 13mm	0.2 μ m	0.5 ml-10 ml	SJFG 013 NS (100/pk)	\$ 98.00
	• Millex-FH ₄ , 4 mm	0.5 μ m	$\leq$ 1 ml	SJFH L04 NS* (100/pk)	\$ 70.00
				SJFH L04 NB* (1,000/pk)	\$700.00
• Filtration of organic and aqueous reagents	• Millex-HV, 25 mm	0.45 μ m	1-100 ml	SLHV 025 NS (50/pk)	\$ 99.80
• Compatible with most HPLC solvents (i.e., water, methanol, acetonitrile, etc.)				SLHV 025 NB (250/pk)	\$295.00
	• Millex-HV ₁₃ , 13 mm	0.45 μ m	0.5 ml-10 ml	SJHV 013 NS (100/pk)	\$ 98.00
	• Millex-GV ₁₃ , 13 mm	0.22 μ m	0.5 ml-10 ml	SJGV 013 NS (100/pk)	\$ 98.00
	• Millex-HV ₄ , 4 mm	0.45 μ m	$\leq$ 1 ml	SJHV 004 NS (100/pk)	\$ 70.00
				SJHV 004 NB (1,000/pk)	\$700.00
				SJHV L04 NS* (100/pk)	\$ 70.00
				SJHV L04 NB* (1,000/pk)	\$700.00

* Supplied with male Luer outlet.

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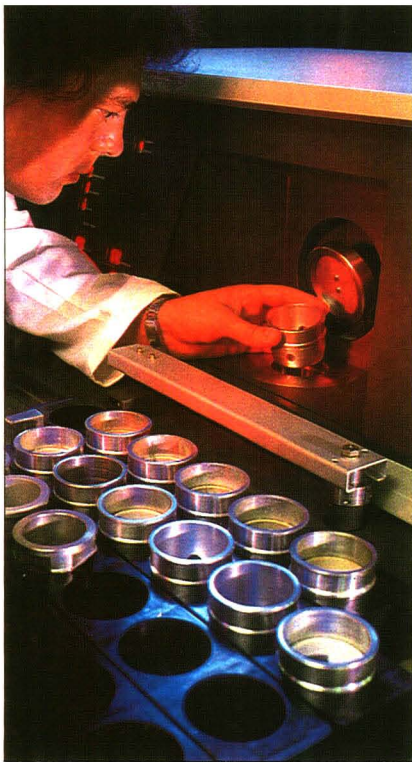
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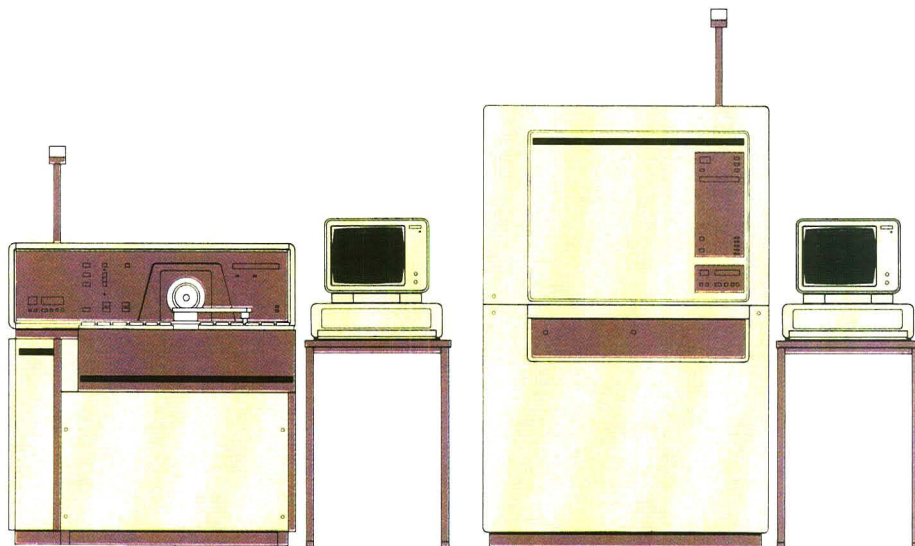


Philips Analytical safeguards its dominant position in wavelength dispersive x-ray fluorescence spectrometry by combining hardware and software design innovation with a fine degree of specification control which other manufacturers cannot equal.

Today, as for many years previously, values generated by its instrumentation are regarded as the world standard for quality of result. Not surprisingly, high accuracy is the common element for the 1987 range of spectrometers, with particular requirements for flexibility and speed able to be determined by the choice of model.

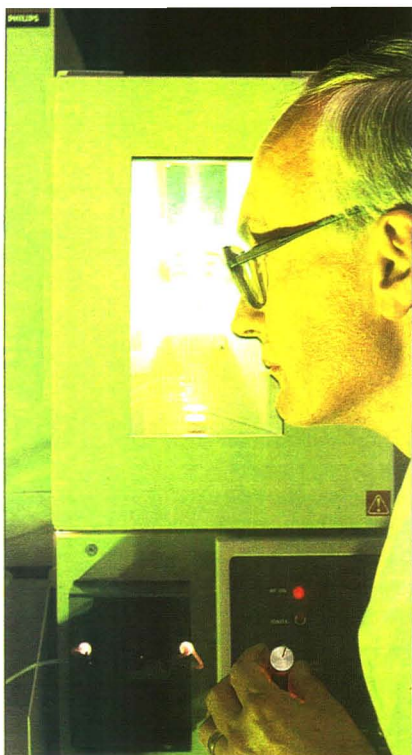
Philips Analytical also offers energy dispersive x-ray fluorescence systems and software.

> X-RAY FLUORESCENCE SPECTROMETRY



PW1404 sequential spectrometer. Outstanding analytical performance and remarkable sample handling versatility create the market leader.
Circle no. 170

PW1606 simultaneous spectrometer. Accuracy and speed have made it the standard for XRF analysis in industry.
Circle no. 171



Philips Analytical offers two highly developed ranges in both spark and ICP source emission spectrometry, plus the best analytical software available.

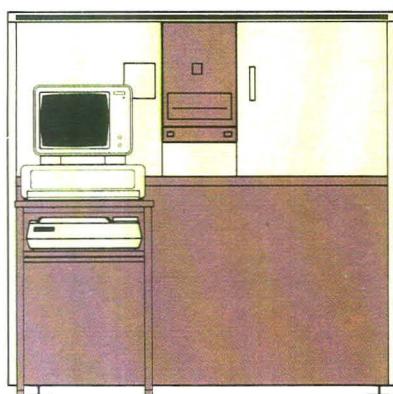
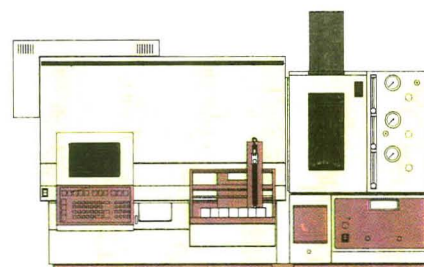
Its pre-calibrated spark instruments with fixed analytical programme provide a low-cost quality control solution for iron and steel industries. Alternatively, custom-tailored systems can satisfy the requirement for more analytical lines and greater flexibility.

The ICP range now includes a bench-top sequential instrument which brings the sophistication of the technique to the laboratory bench. A larger, simultaneous ICP instrument offers high speed and accuracy to those requiring even wider analytical capability and at the top of the range a combined sequential/simultaneous ICP spectrometer is available.

PU7450 sequential ICP spectrometer system. A bench-top instrument which uses an echelle grating monochromator to achieve the highest resolution in its class.

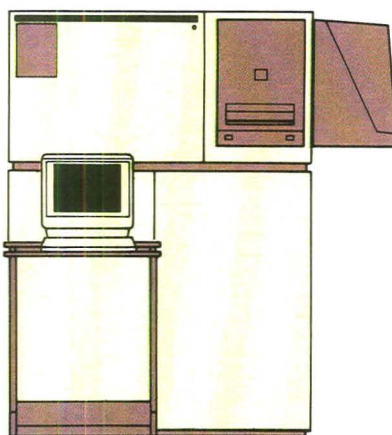
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> OPTICAL EMISSION SPECTROMETRY



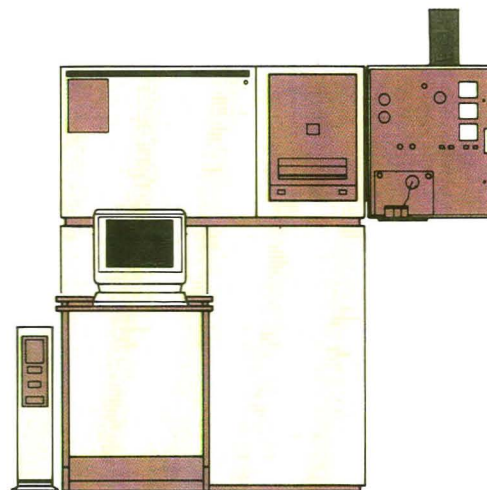
PV8030 compact emission spectrometers. Optimised to meet the analytical needs of the iron and steel industries at low cost.

Circle no. 173



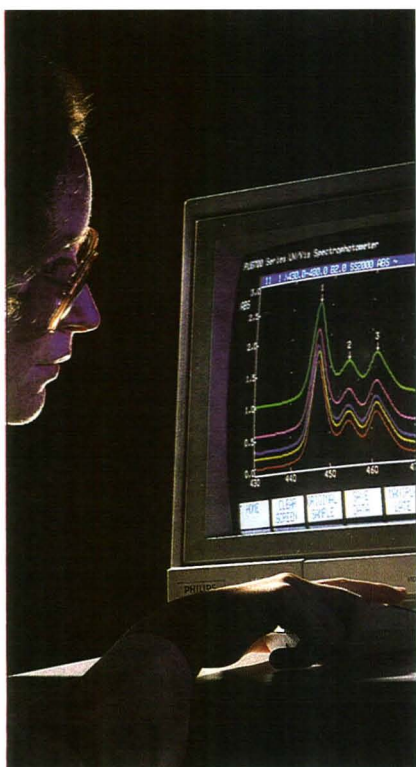
PV8050 series emission spectrometers. Performance without compromise for a wide variety of analytical programmes, enhanced by source and programmable scanner options.

Circle no. 174



PV8060 series ICP emission spectrometer range. Combines the excellence of the PV8050 with ICP (or spark and ICP) excitation. A programmable scanner option gives complete flexibility.

Circle no. 175



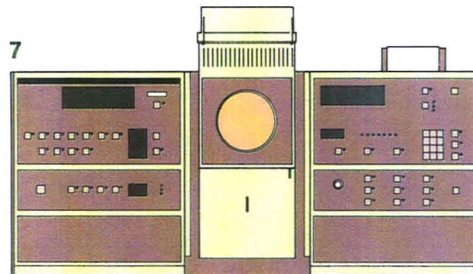
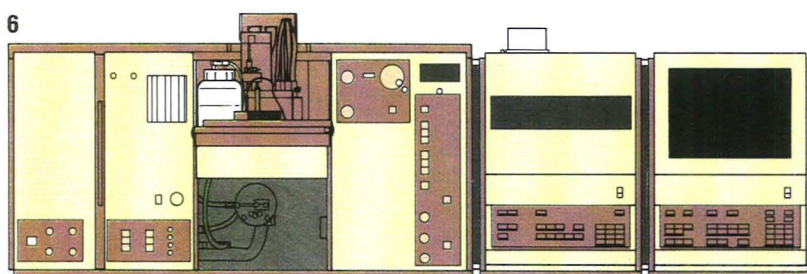
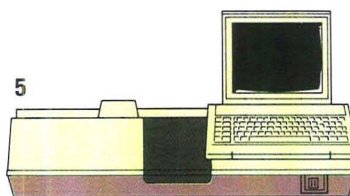
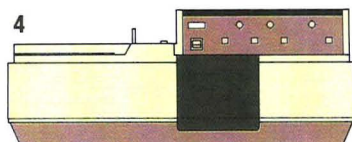
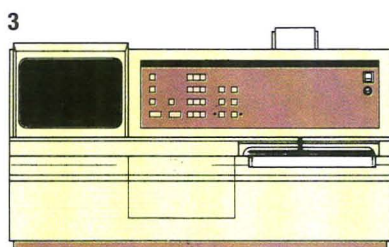
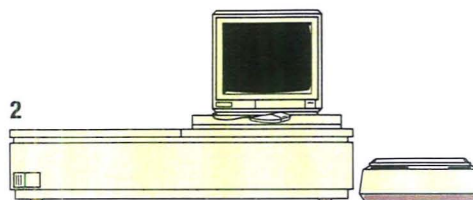
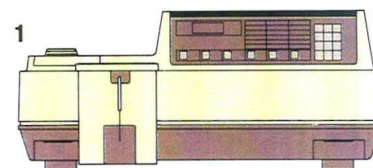
Philips Analytical produces a complete range of spectrophotometers for all applications covered by the atomic absorption, infrared and ultra-violet techniques.

Unrivalled standards of performance are achieved as a result of constantly improving technology; many advances are unique to Philips thanks to the large investments which the company makes in research. These standards apply across the range, with no compromise in performance accepted, even in the case of low-cost instruments.

Inspired design and advanced software ensure that every instrument is easy to use and provides top quality data for analysts around the world.

1 PU8600 UV/VIS/NIR spectrophotometers. Cost-effective series with proven performance in industry, education and life sciences.
Circle no. 176

2 PU8700 UV/VIS scanning spectrophotometers. An innovative series which incorporates a mouse-driven interface and powerful software with full-colour graphics.
Circle no. 177



3 PU8800 UV/VIS scanning spectrophotometers. Automatic monitoring of photometric performance and a wide accessory range make the series ideal research tools.
Circle no. 178

4 PU9700 IR spectrophotometers. Microprocessor-controlled ratio-recording throughout the range for accurate, easy analysis. Powerful data station software is available for the IBM environment.
Circle no. 179

5 PU9500 ratio-recording IR spectrophotometers. Options for this high performance series include integral PC and disk storage for unparalleled data manipulation capability.
Circle no. 180

6 SP9 atomic absorption systems. High performance from versatile flame or furnace configurations.
Circle no. 181

7 PU9000 AA spectrophotometer. Intelligent, multi-element instrument with powerful data station option.
Circle no. 182

> SPECTROPHOTOMETRY

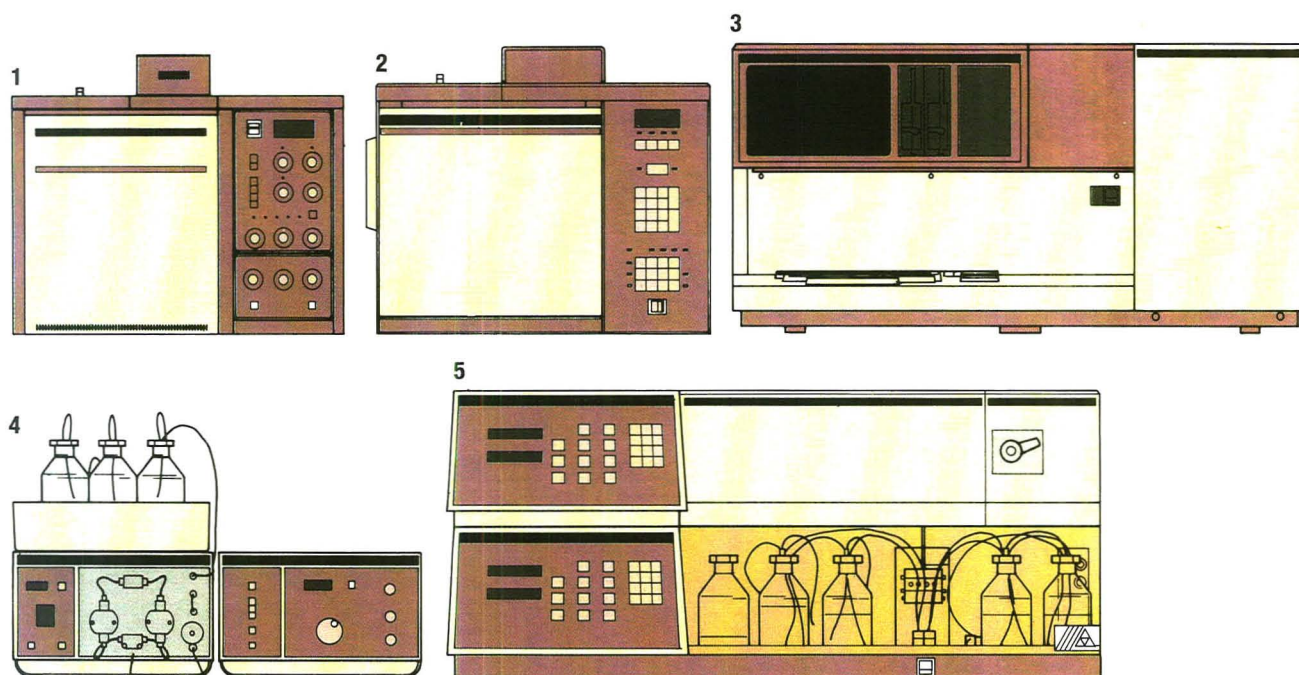


In gas and liquid chromatography, Philips Analytical offers instrument ranges which are packed with analytical problem solving power. Their flexibility and high performance will resolve the toughest of samples. Their quality, stability and ruggedness ensure a constant flow of precise data under all conditions and with operators of every skill level.

The new PU 4100 liquid chromatograph range is the ultimate in current LC technology, offered at highly affordable prices.

The GC range offers a full choice from laboratory workhorse to research thoroughbred and is supported by the most stimulating microcomputer data processing available today.

> CHROMATOGRAPHY



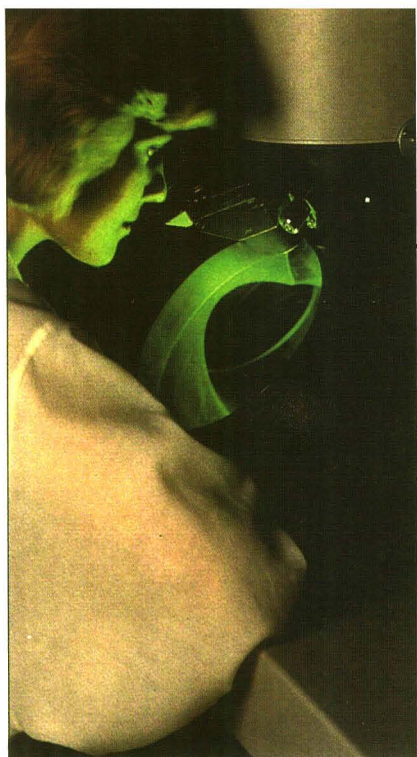
1 PU4500 gas chromatographs. Complete range of low-cost instruments which bring the benefits of accurate GC to routine analysis.
Circle no. 183

2 PU4550 modular GC system with microprocessor control. A wide variety of potential configurations for exceptional flexibility.
Circle no. 184

3 PU4900 total gas chromatograph. Extensive data processing via integrated VDU with outstanding performance for conventional, capillary or multi-dimensional operation.
Circle no. 185

4 PU4000 modular isocratic liquid chromatograph. Low-cost instruments offering consistently high standards of reliability and performance.
Circle no. 186

5 PU4100 liquid chromatography system. Innovative integrated design offering isocratic, binary, ternary or quaternary solvent mixing sets new standards of convenience and performance.
Circle no. 187

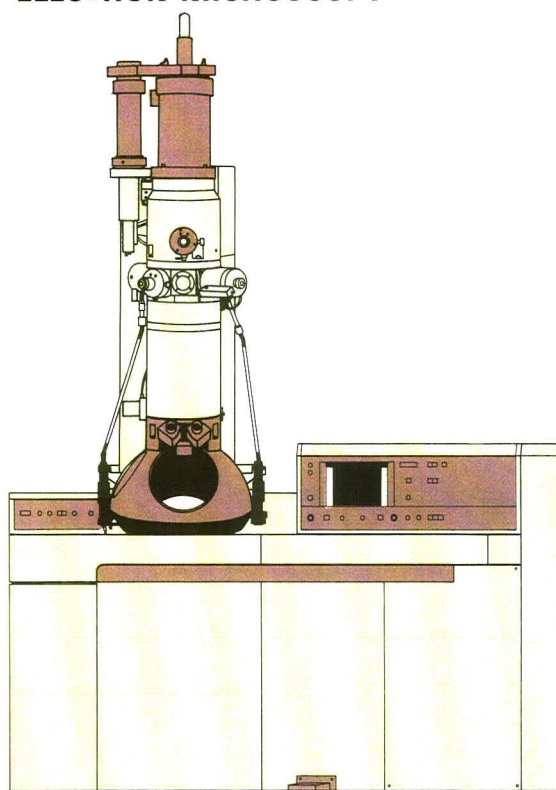


Philips Analytical brings the requirements of the scanning and transmission electron microscopy markets into sharp focus through advanced design concepts which improve laboratory efficiency and effectiveness.

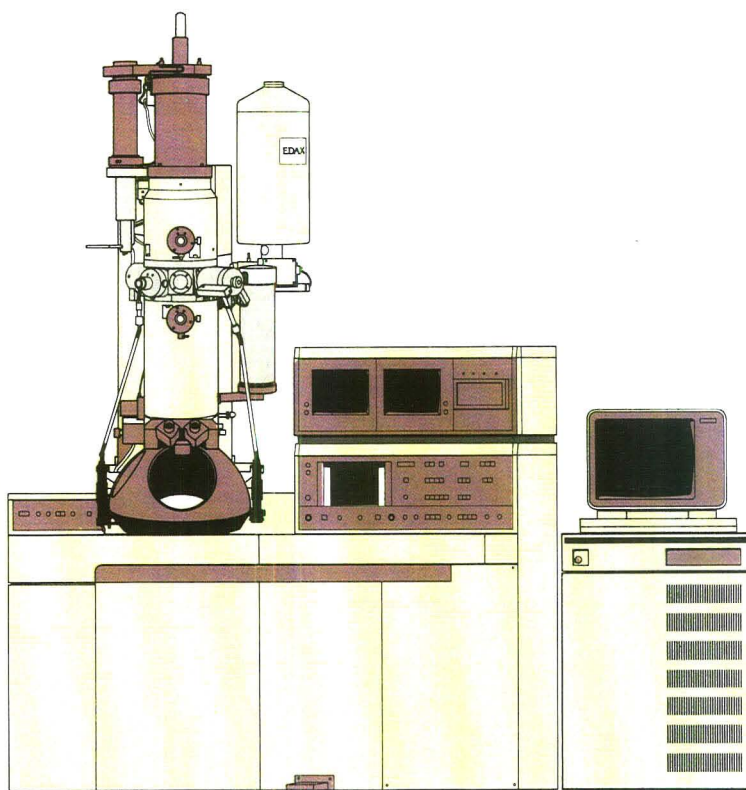
A high degree of automation without loss of flexibility enables top quality results to be produced quickly and with minimal effort, leaving the operator free to concentrate on skilled interpretation.

This "ease of information" approach can be extended to embrace a wide choice of integrated microanalytical systems for both families of microscopes.

> ELECTRON MICROSCOPY



CM10 transmission electron microscopes. Dedicated to life science research.
Circle no. 188



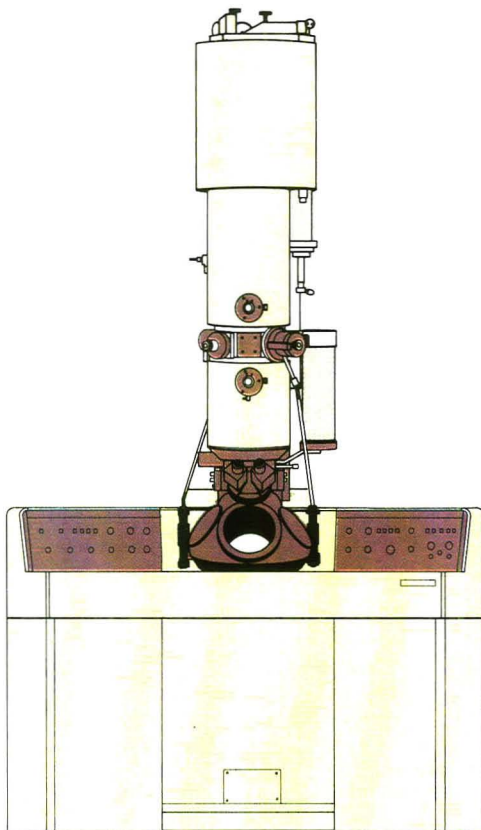
CM12/STEM transmission electron microscope. Analytical scanning/transmission microscope integrated with an energy-dispersive x-ray detection system.
Circle no. 189

> MICROANALYSIS

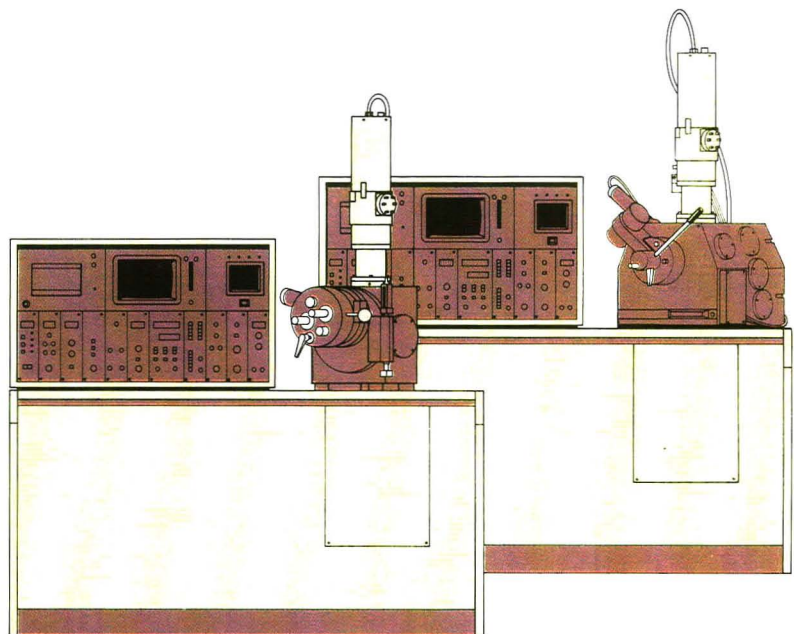
For scanning and transmission microscopes, Philips offers a choice of EDAX energy dispersive micro-analysis systems, including detectors with outstanding light-element performance.

The systems provide comprehensive, state-of-the-art capabilities for image presentation and processing.

Circle no. 190



EM430 transmission electron microscope. A 300kV high resolution imaging and analytical instrument.
Circle no. 191



SEM515 scanning electron microscope. General purpose instrument for research and development applications.
Circle no. 192

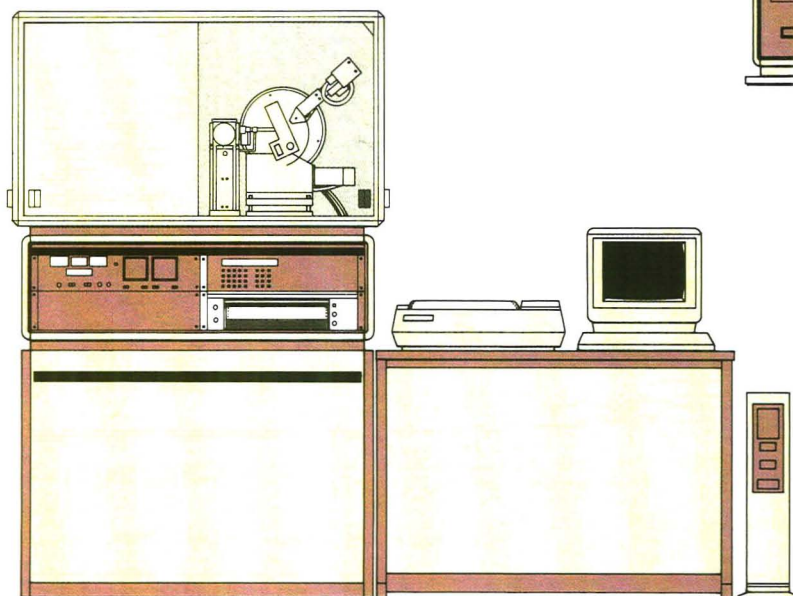
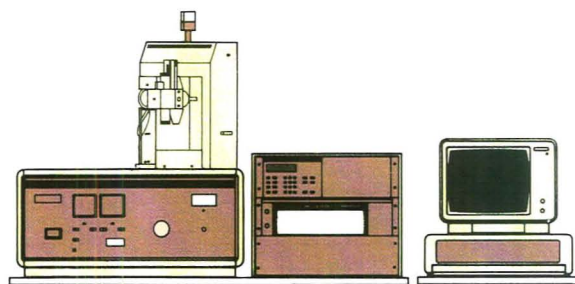
SEM525-M scanning electron microscope. Versatility from a motorised goniometer stage; **SEM525-IC**, a low-voltage SEM designed for non-destructive inspection in the integrated circuit industry; **SEM525-EB**, incorporating an electron beam tester for analysis of the operating characteristics of an integrated circuit.
Circle no. 193



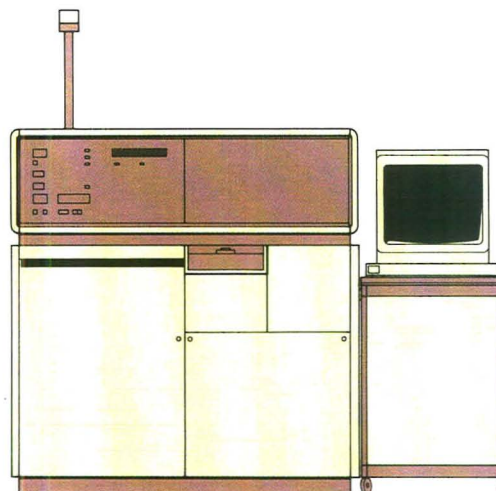
The list of applications for x-ray powder diffraction systems grows by the year, with industries such as cement, ceramics, refractories, pharmaceutical, oil and chemical proving the technique's flexibility and effectiveness beyond the boundaries of general geological inspection.

As the world leader in x-ray powder diffraction, Philips Analytical reflects current market trends with the widest choice of systems and software to suit every budget or automation requirement. Its range includes the new PW1800 automated diffractometer for both industrial and research applications.

PW1840 compact analyser.
An economical bench-top diffractometer which is ideal for many routine applications.
Circle no. 194



PW1820 modular x-ray diffraction system. Shown with PW1078 texture attachment. Powerful and easy-to-use for a wide range of quantitative and qualitative analyses.
Circle no. 195



PW1800 fully integrated x-ray diffractometer. Designed specifically for highly reproducible results, it eliminates compromises inherent in a general-purpose package.
Circle no. 196

HIGH PURITY WATER DISTILLATION EQUIPMENT

FLOMATIC GENERAL PURPOSE 4 LITER WATERSTILL

- Semi-automatic operation - distillate receiver fills, heaters shut off.
- High efficiency condenser for cool distillate.
- Free standing or wall mounting.
- Open, easy access design.

This compact and economical waterstill unites purity, performance, and value for today's modern laboratory.

The all new Flomatic GP Waterstill provides 4 liters/hour of pyrogen free distilled water. With a distillate conductivity of 1-2 micromho/cm, this compact still provides high quality distilled water at low cost. Equipped with built-in thermal shut off and automatic distillate receiver shut-off, the Flomatic GP still is ideal for the smaller lab, or as an extra source of distilled water. Flomatic GP still comes with borosilicate glassware, two 1.5 kw silica sheathed heating elements, reservoir control glassware, and input water flow regulator.

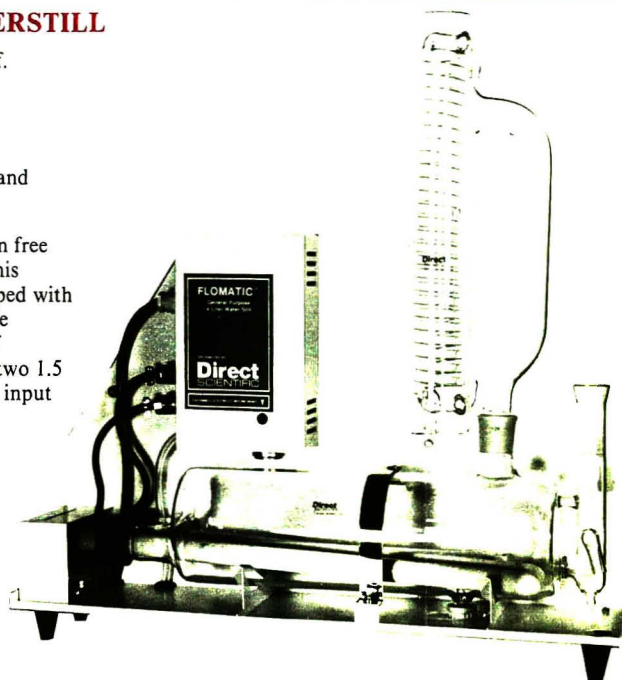
Specifications:

Dimensions: 21" high x 20-3/4" wide x 5-1/4" deep
 Weight: 10 lbs.
 Min. Water Pressure: 3 psi
 Water Consumption: 60 liters/hour
 Power: 220 VAC, 50-60 HZ, 13 amps

Cat. No.

D-8100-006

\$1050.00



LAB SCALE SOLVENT RECOVERY SYSTEM

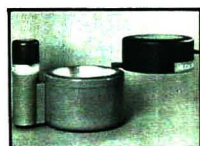
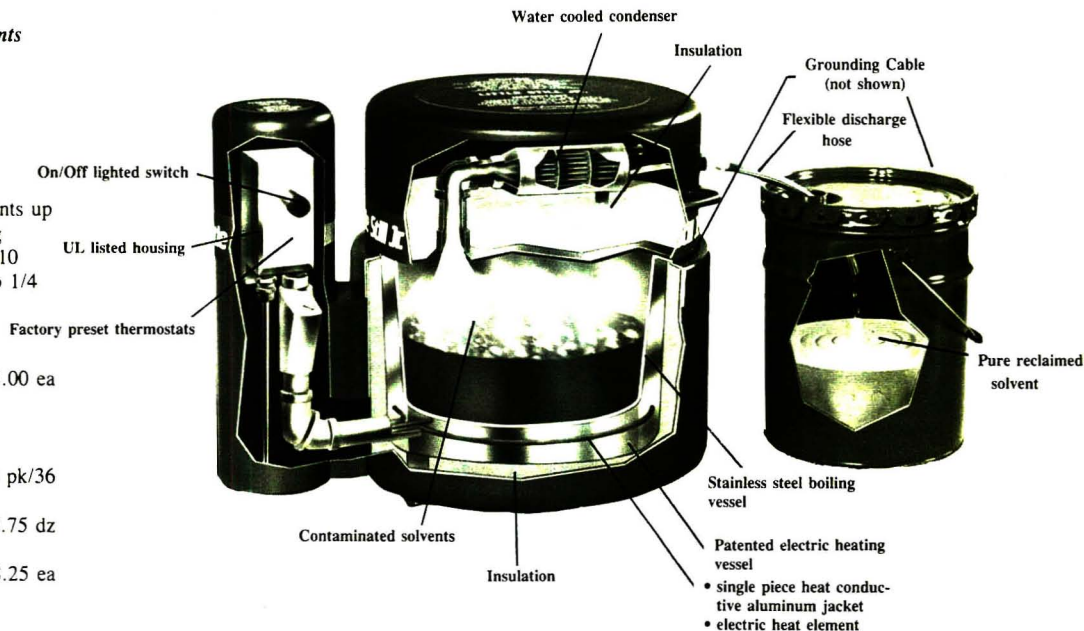
LITTLE STILL JR.

Safety Designed - Process any solvents

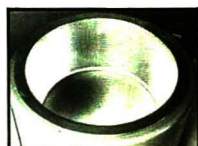
- easy to install - explosion proof components
- simple one-button operation
- 3-5 gallons output in 8 hours
- low maintenance - easy to clean

Process lab solvents with boiling points up to 320°F (160°C). For higher boiling solvents, vacuum option available. 110 VAC 50/60 HZ 1 phase. Uses 1/8 to 1/4 GPM cooling water. Unit measures 27x20x19", weighs 150 lbs.

DSP-5000	Solvent Still	\$2,995.00 ea
DSP-5000-SG	Seal Gasket - solvent resistant terpolymer	11.88 pk/36
DSP-5000-L	STILBAG liner	18.75 dz
DSP-5000-R	Retainer ring for liners	38.25 ea



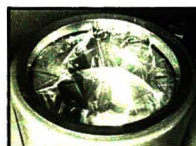
Easy-open pivot lid



Corrosion-resistant stainless steel boiling vessel



Filled boiling vessel ready for startup



Boiling vessel fitted with optional STILBAG liner



Contaminated solvent in STILBAG lined vessel ready for startup



STILBAG facilitates waste removal

MICRO-VOLUME HAND HELD DISPENSERS

Nichiryo Variable Volume Bottle-top Dispensers

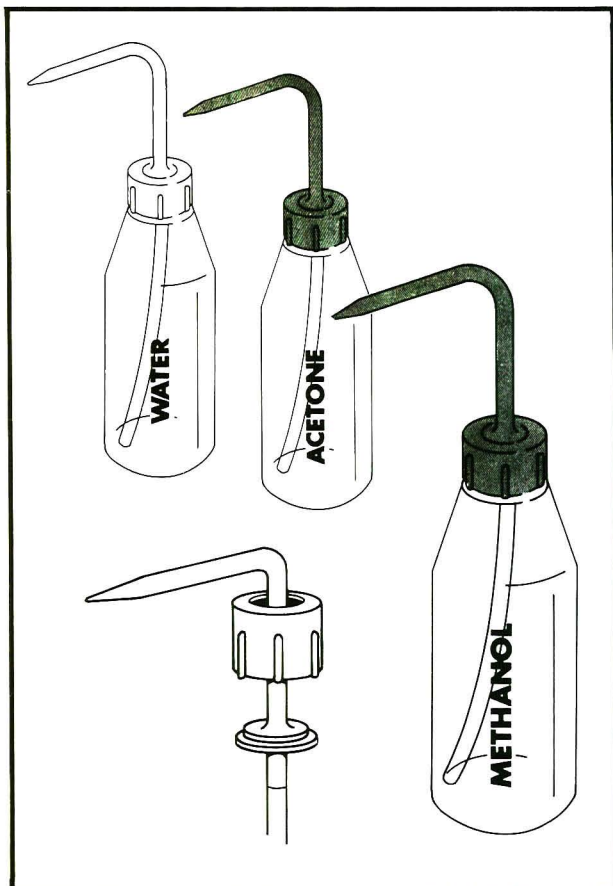
- short and long dispensing nozzles for flexibility of operation
- spacers provided for various fixed volume settings
- high accuracy and repeatability
- chemically inert - use with most liquids except HF
- fully autoclavable

Three models are provided to cover the range of 50 microliters to 3 milliliters. Squat anti-tip 70ml bottle provided. All liquid contact materials are Teflon™, ETFE, Pyrex™ glass, ceramic, and Platinum Iridium. Dispensers fit reagent bottles with 28mm threads.

Cat. #	Fixed Volume Settings (w/spacers)				Accuracy	Price
DS-500S	50μl	100μl	200μl		< ±1.0%	\$115.00 ea
DS-500L	250μl	300μl	500μl		< ±1.0%	115.00 ea
DS-600	0.5ml	1.0ml	2.0ml	3.0ml	< ±1.0%	125.00 ea



NEW LABELED WASH BOTTLES, SWIVEL, LEAKPROOF CAP, SLOPE SHOULDER



New from Azlon — Labeled Wash Bottles

THE FIRST SWIVEL NECK GUARANTEED LEAKPROOF*. Now you can control the spout location in relation to bottle labeling. Unique new two piece polypropylene closures, combined with low density polyethylene containers offer durability, toughness and flexibility for long laboratory life. Slope shoulder design permits easy pour-out of contents. Bottles are natural, translucent color. Caps are color coded per table.

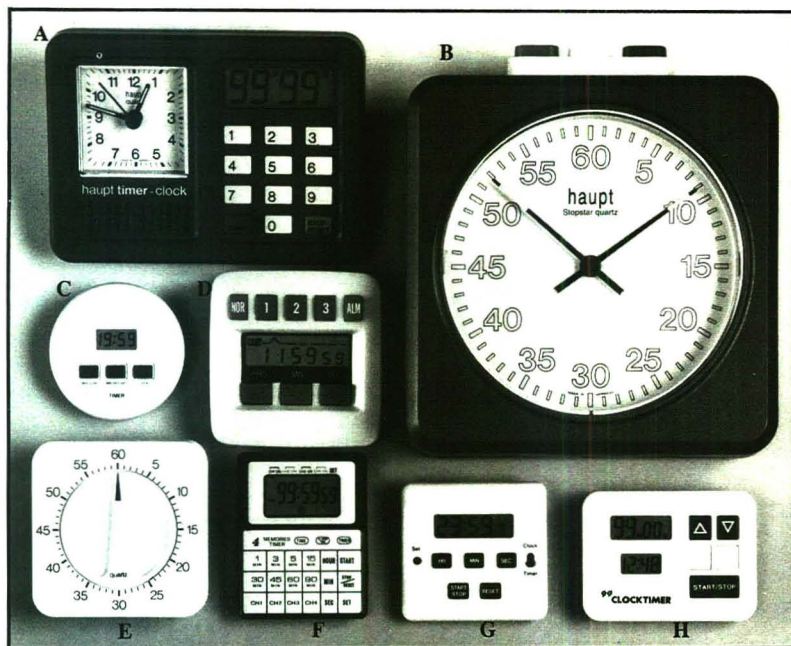
Order convenient package quantities or lower cost full case quantities.

Cat. No.	Capacity ml	Label Title	Cap Color	Mfg. Ref. #	Pkg. Qty.	Pkg. Price	Case Quan.	Case Price
DS-3950-2500	250	WATER	White	BGF530	6	\$10.20	24	\$36.50
DS-3950-2501	250	ACETONE	Red	BGF531	6	10.20	24	36.50
DS-3950-2502	250	METHANOL	Green	BGF532	6	10.20	24	36.50
DS-3950-2503	250	ISOPROPANOL	Blue	BGF533	6	10.20	24	36.50
DS-3950-5006	500	WATER	White	BGF536	3	5.82	18	31.28
DS-3950-5007	500	ACETONE	Red	BGF537	3	5.82	18	31.28
DS-3950-5008	500	METHANOL	Green	BGF538	3	5.82	18	31.28
DS-3950-5009	500	ISOPROPANOL	Blue	BGF539	3	5.82	18	31.28

*patent pending

For more information
circle no. 320 on reader
service card

Call toll free 1-800-832-7378 or in NJ call 1-609-825-5575



A. Multipurpose Timer

This is the perfect bench timer for heavy daily use. The multipurpose timer has three functions:

1. **Count-down timer** -programmable from one second to 99 minutes. A one minute alarm signals count down completion.
2. **Count-up timer** - (stopwatch) measures up to 59 minutes and 59 seconds and can also be used as an addition timer, (Start-Stop-Start-Stop).
3. **Analog clock** - Large and easily legible.

All three functions are electronically quartz controlled with an accuracy of ± 0.5 seconds per day. The large key pad makes both timer functions easy to use. The extra large 15 mm high LCD is mounted at an angle for easy viewing. Rugged housing measures $3 \frac{7}{8} \times 5 \frac{7}{16} \times 2 \frac{1}{4}$ ". Uses a 1.5 AA battery which lasts approximately two years (not included).

DS-810002 Multipurpose timer \$59

B. Giant Quartz Stopclock

Hundreds of times more accurate than a mechanical stopclock, (giant stopwatch) due to a unique type of quartz technology used in conjunction with an electronic pace motor. The result is accuracy of ± 0.5 seconds per day!

Extra large (6" square). Easy to read luminous dial. Counts up to 59 minutes and 59 seconds. Press the green button to begin, red to stop, and white to reset. Can also be used as an additional timer (Start-Stop-Start-Stop). Comes with its own stand and wall mounting. The 1.5 Volt C cell battery, included, will last approximately 2 years.

DS-810003 Giant Quartz Stopclock \$58

C. Mini Digital Clip-on Timer

This inexpensive, easy to use count down timer operates for up to 19 hours 59 minutes. The 5 mm high LC digital display shows hours and minutes and is easy to read. Accurate to one second per operation. A built-in memory returns the display to a previously set count-down time. Rear clip allows attachment to clothing, and has stand-up feature for desk/table use. It also has a magnet for attachment to metal surfaces. Measures $2 \frac{1}{4}$ " dial x 1" deep including stand. Button cell battery included.

DS-810021 Mini Timer \$16.50

D. 3 Channel Timer

Time 3 experiments simultaneously. Each channel can be programmed for up to 12 hours in intervals of one second. Distinct, audible and visual alarms for each channel indicate time's up.

Accuracy to within 3 seconds per day. 7 mm high LCD with resolution in seconds. The face sits at an angle for easy viewing while large control buttons allows simple operation.

Also functions as a clock and alarm clock. Powered by two "AA" batteries, (not included), and housed in a rugged ABS plastic case for years of reliable service. Measures $3 \times 3 \times 1 \frac{3}{8}$ "

DS-810018 3 Channel Timer \$29

E. Quartz Interval Timer

An update of the conventional mechanical timer, but with the precision and accuracy of a quartz crystal electronic movement. Large programming dial allows up to 60 minute timing. A loud electronic signal lasts 8 seconds at the end of the timed event. The cleverly designed reversible back allows the unit to be used upright, lying at a 45 degree angle, or hung on its own detachable wall mount. White ABS Case measures $3 \times 3 \times 1 \frac{1}{2}$ ". Comes with 1.5 volt AA cell battery which lasts approximately one year.

DS-810001 Interval Timer \$13.95

F. Pocket-sized 4-channel timer

For the first time a multi-channel timer has been created which is so light (only 1 oz.) and so compact ($2 \frac{3}{4} \times 2 \frac{1}{4} \times 1 \frac{1}{2}$ ") that it can easily be clipped onto your pocket. It also stands upright and comes with its own detachable wall mount.

4 channels - Each of which can be set for any time interval from one second to 100 hours.

There are also eight convenient pre-programmed keys for 1, 3, 5, 15, 30, 45, 60, and 90 minutes. Each channel has its own unique alarm to alert you that its time has elapsed.

LCD displays hours, minutes, and seconds and indicates the channels in use. Clockmode shows real time with an AM/PM indicator and has an alarm clock function too. Button cell battery included.

DS-810015 4 Channel Timer \$29.95

G. Count up - Count down timer

Electronic quartz movement accurate to ± 0.5 seconds per day 8 mm high LCD with resolution in one second intervals.

Counts up or down for 24 hours in either direction. In the count up mode it can be used as an additional timer. In the count down mode, a unique feature lets you know how much time has elapsed after the alarm sounds. A memory allows repetition of a frequently used time interval.

Clock displays the time of day at the flip of a switch clip. Clip onto your pocket, stand alone, or attaches to any metallic surface with a built in magnet. All these features in a compact case weighing just 2 oz. and measuring $2.5 \times 2.3 \times 0.6$ ". 1.5 V button cell battery included.

DS-810026 Count up - Count down Timer \$22

H. Dual Display Clocktimer

Accurate to ± 3 seconds per day this compact unit features two easy to read displays both with 8 mm high LCD figures. The top display can be set in one second intervals up to 99 minutes and 59 seconds. The bottom display is a real time clock and calendar. Large simple to use key pad controls. Built-in memory returns the display to a previously set count-down time. Integral stand assembly permits clip on, stand up, or attachment to metal surface with built-in magnet. Sturdy attractive white case measures $3 \times 2 \frac{1}{4} \times 1$ " including stand. Button cell battery included.

DS-810019 Dual Display Clocktimer \$19.95

TAYLOR-WHARTON LIQUID NITROGEN CRYOSTORAGE SYSTEMS

The XT Series of Refrigerators

The XT Series of Taylor-Wharton Cryogenic Refrigerators offers extended-time, cost-effective storage for semen, embryos or biological samples. Each of the five different sizes maximizes holding time for a given quantity of liquid nitrogen, fulfilling a variety of user requirements. In addition, the low profile XTL Models provide an answer to storage problems.



The HC Series Refrigerators

The High-Capacity HC Series of Taylor-Wharton Refrigerators enables you to store more semen, embryos or biological material at liquid-nitrogen temperature. Six different unit sizes with convenient holding times and capacities are available to satisfy a broad range of storage demands. Two low profile HCL Models are also available providing reduced unit height for transit or storage.

HIGH-CAPACITY REFRIGERATORS



Dewars

For the safe, convenient storage of liquid nitrogen in small quantities, there is a complete line of Dewars incorporating the same modern design and quality construction as Taylor-Wharton Refrigerators. These sturdy, yet lightweight, Dewars combine optimum holding time with convenient access to liquid nitrogen. Our line of Cryogenic Dewars includes a beaker-style model for wide-mouth access to liquid nitrogen, and a pitcher-style model to facilitate transfer. Other standard models offer additional flexibility for storing liquid nitrogen.

DEWARS

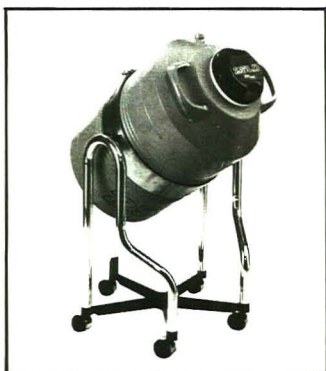


ACCESSORIES



Liquid-Withdrawal Device

Pressure-transfer liquid nitrogen from 25, 35, & 50LD Dewars at rates of 8 L/min @ 10 psig. and refill without removing device. \$360.00



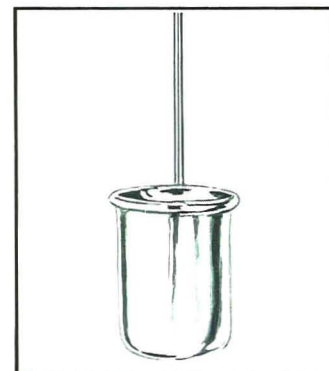
Tipping Stand

Safely tip 25LD Dewar for transferring liquid. Wheels add maximum handling convenience. \$265.00



Low-Liquid-Level Alarm

Alarm will sound promptly when more liquid nitrogen is needed. For: 18, 34XT, 35HC, and 35VHC. \$465.00



Liquid Nitrogen Dipper

Recommended for removing small quantities of liquid nitrogen from 10, 25LD, 35LD Dewars. \$24.00

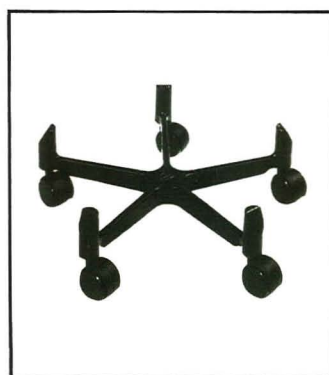
MODELS	Time in Days Static Holding Time / Working Time	Evaporation Rate Liters/Day	Liquid Nitrogen Capacity Liters	Weight Pull	Neck Diameter	Overall Height	Overall Diameter	Number of Canisters Included	Canister Diameter	Vial Capacity	Price
DS3XTL	27 / 17	0.11	3	11.5 lb 5.2 kg	2.0 in 51 mm	17.0 in 432 mm	7.6 in 194 mm	6	1.50 x 5.0 in 38 x 127 mm	—	\$495.00
DS8XTL	80 / 50	0.10	8	34.0 lb 15.4 kg	2.0 in 51 mm	17.4 in 441 mm	15.6 in 397 mm	6	1.50 x 5.0 in 38 x 127 mm	—	555.00
DS10XT	80 / 50	0.13	10	31.5 lb 14.3 kg	2.0 in 51 mm	22.4 in 569 mm	11.4 in 289 mm	6	1.50 x 11.0 in 38 x 279 mm	180	557.00
DS18XT	200 / 125	0.09	18	59.0 lb 26.8 kg	2.0 in 51 mm	25.3 in 641 mm	15.6 in 397 mm	6	1.50 x 11.0 in 38 x 279 mm	180	565.00
DS34XT	340 / 212	0.10	34	94.0 lb 42.6 kg	2.0 in 51 mm	35.5 in 648 mm	18.8 in 476 mm	6	1.50 x 11.0 in 38 x 279 mm	180	640.00
DS10HCL	50 / 31	0.20	10	37.5 lb 17.0 kg	3.6 in 91 mm	17.4 in 441 mm	15.6 in 397 mm	6	1.75 x 1.50 in 44 x 127 mm	—	675.00
DS18HC	80 / 50	0.23	18	55.1 lb 25.0 kg	3.6 in 91 mm	22.8 in 580 mm	15.6 in 397 mm	6	2.75 x 11.0 in 70 x 279 mm	684	675.00
DS21HCL	62 / 39	0.34	21	67.5 lb 30.6 kg	3.6 in 91 mm	17.8 in 441 mm	18.8 in 476 mm	9	2.64 x 5.0 in 67 x 127 mm	—	750.00
DS34HC	200 / 125	0.17	34	96.0 lb 43.5 kg	3.6 in 91 mm	25.5 in 648 mm	18.8 in 476 mm	6	2.75 x 11.0 in 70 x 279 mm	684	675.00
DS35HC	130 / 81	0.27	35	97.5 lb 44.2 kg	4.7 in 119 mm	25.5 in 648 mm	18.8 in 476 mm	10	2.75 x 11.0 in 70 x 279 mm	1140	975.00
DS35VHC	130 / 81	0.27	35	97.5 lb 44.2 kg	4.7 in 119 mm	25.5 in 648 mm	18.8 in 476 mm	6	3.71 x 11.0 in 94 x 279 mm	1260	915.00
DS4LD	10	0.40	4	13.0 lb 5.9 kg	1.2 in 30 mm	16.7 in 424 mm	7.6 in 194 mm				325.00
DS5LD	6	0.77	5	14.0 lb 6.4 kg	5.6 in 142 mm	17.5 in 445 mm	7.6 in 194 mm				340.00
DS10LD	45	0.22	10	31.2 lb 14.1 kg	2.0 in 51 mm	21.0 in 533 mm	11.4 in 289 mm				378.00
DS25LD	109	0.23	25	71.0 lb 31.8 kg	2.5 in 64 mm	25.7 in 653 mm	15.6 in 397 mm				510.00
DS35LD	109	0.32	35	90.0 lb 40.8 kg	2.5 in 64 mm	25.6 in 651 mm	18.8 in 476 mm				540.00
DS50LD	122	0.41	50	128.0 lb 58.1 kg	2.5 in 64 mm	32.6 in 828 mm	18.8 in 476 mm				625.00



Carry Bag for 3XTL Refrigerator
This over-the-shoulder bag features a zip-
cover for added protection. \$40.00

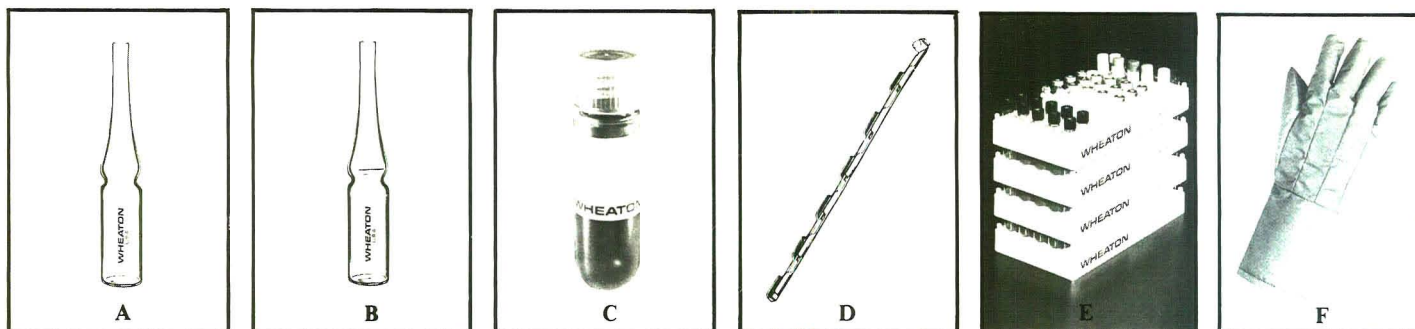


Freezing Tray
This movable tray can be manually low-
ered through varying temperature zones in
the neck of 35HC or 35VHC
Refrigerators. \$310.00



Roller Base
This sturdy, cast aluminum 5-wheel dolly
enables safe and easy movement of
Dewars and Refrigerators. For: 15.6''
units \$95.00, 18.8'' units \$105.00

Also Available:
Dry Shipper, Dry Shipper
Carry Bag, Dry Shipper
Polyfoam Shipper; Spare
Necktube Cores. Call for
prices and information.



A, B, and C. Wheaton Cryules® for Freezing

- For preservation of biological samples with liquid N₂
- Gold Band® Cryules® are pre-scored to eliminate the need for filing
- Wheaton "200" brand borosilicate glass
- Polypropylene screw-cap cryule, sterile & non-sterile with white marking spots & without. Autoclavable.

D. Aluminum Cane

For use w/ Wheaton Cryules & Cryule Vials 2 ml and less.

DS-1B 50/cs **\$20.00/cs**

E. Wheaton Cryule Vial Rack

Ideal for storing and transporting 1 or 2 ml Wheaton Cryules. Each rack is constructed of durable polypropylene and holds 50 vials; molded corner posts provide stability when stacking the racks.

DS-985800 5/case **\$41.75/case**

F. New 100% Waterproof Mid Arm Length Cryo Gloves from Tempshield

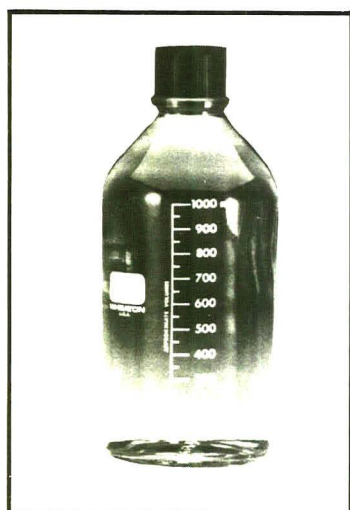
Good to -150C. Can be used for extended exposures in cryogenic atmospheres (LN₂). Not for immersion in LN₂. Static-free, for clean room use. Available in small (S), medium (M), large (L) and extra large (XL).

Cat. #	Size	Price/pair
DS-MAsWP	Small	\$88.50
DS-MAmWP	Medium	88.50
DS-MAIWP	Large	88.50
DS-MAXIWP	X-Large	88.50

CRYULES

Catalog Number	Size ml	Dia. x Hgt., mm	Approx. O.D. at Top, mm	Pre-Scored and Gold Band	Wheaton 200 Glass	Poly-Propylene	Screw Cap	Marking Spot	Sterile	Photo	Case Pack	Case Price
DS-651462	1	10.5 x 61	5		X					A	144	\$ 36.57
DS-651463	1.2	11.8 x 58	5		X					A	144	36.57
DS-651464	1.5	11.5 x 61	5		X					A	144	36.57
DS-651466	2	11.5 x 70	5		X					A	144	40.03
DS-651469	5	16.5 x 98	8		X					A	144	75.02
DS-651470	10	19.5 x 114	9		X					A	144	88.12
DS-651472	20	21.5 x 160	10		X					A	144	101.52
DS-651481	0.7	10.5 x 47	5	X	X					B	144	\$ 45.36
DS-651482	1	10.5 x 61	5	X	X					B	144	45.36
DS-651483	1.2	11.8 x 58	5	X	X					B	144	45.36
DS-651486	2	11.5 x 70	5	X	X					B	144	51.98
DS-985721	2	12 x 44	10			X	X	X		C	1000	\$196.20
DS-985726	2	12 x 44	10			X	X			C	1000	160.65
DS-985730	1	12 x 44	10			X	X	X	X	C	500	115.33
DS-985731	2	12 x 44	10			X	X	X	X	C	500*	115.38

* 50 inner packs per case



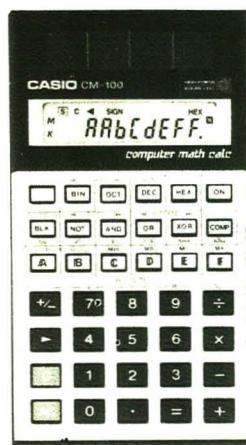
WHEATON Media/Lab/Solvent Storage Bottles

- Type 1 Borosilicate Glass protects and maintains purity and pH of contents
- Inert to all chemicals except HF
- Choice of rubberlined caps for biological use, teflon for chemical use
- Caps and bottles are autoclavable
- Large neck opening, special lip and sloping shoulders for easy pouring and cleaning. 1-liter size has flats on opposing sides for easier handling.
- Graduations show approximate volume.

General Specifications			W/Rubberlined Cap		With Teflon-Lined Cap	
Size ml	Screw Cap Size	Case Pack	Catalog Number	Case Price	Catalog Number	Case Price
125	33-430*	48	219755	\$108.00	219815	\$133.63
250	33-430*	48	219757	146.20	219817	165.74
450	38-430	48	219758	198.33	219818	224.59
500	33-430*	24	219759	107.13	219819	121.12
1000	38-430	24	219760	140.59	219820	149.71

*33 mm finish bottles suitable for use with bottle top dispensers

HIGH QUALITY CASIO SCIENTIFIC CALCULATORS



Dedicated Base-n Calculator
computer math calc
CM-100

- Base conversions
- Base calculations
- Logical operations
- Bit size designations
- Display shift functions
- Flag display
- * Amorphous silicon solar battery.
- 16H x 76W x 135mmD, 73 g
(5/8''H x 3''W x 5 3/8''D, 2.6 oz).

Order DCM-100 \$24.95 ea.

Revolution in Scientific Calculators.
See your formulas laid out with graphic clarity.

fx-7000G

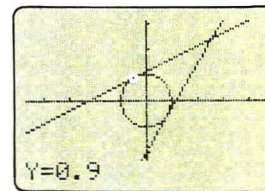
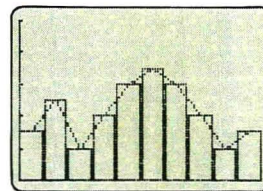
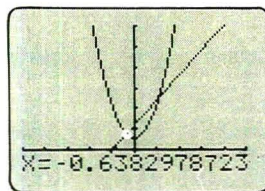
- Display: Text - 16 columns x 8 lines (128 characters).
Graphics - 96 x 64 dots.
- High utility variation of program steps and data memories.

422 steps
26 memories

6 steps
78 memories

- Graphic functions (Graph composition, Trace, Plot, Line, Enlargement/Reduction, Coordinate range designation, Overwrite Statistical graphs).
- Perfect entry system
- Check-back replay function
- Regression analysis
- Base conversions/calculations, logical operations
 - * 100 hours on three lithium batteries (CR2032).
 - * 14H x 83.5W x 167mmD, 156 g
(1/2" H x 3 1/2" W x 6 5/8" D, 5.5 oz.).

Order DFX-7000G \$79.95 ea.



Alarm

fx-8100

44
FUNCTIONS

8-digit mantissa
+
2-digit exponent

- Clock
 - Countdown alarm
 - Calendar
 - Stopwatch
 - Alarm
- * 1 year on two SR1130 (G-10) or S-89 batteries.
- * 6.6H x 70W x 129mmD, 80 g
(1 1/4"H x 2 3/4"W x 5 1/8"D, 2.8 oz).

Order DFX-8100 \$39.95 ea.

Model	Display	Digits	Mantissa + EXP	True algebraic logic	* Basic functions	Standard deviations	HYP/ ARC	X ↔ Y/ X ↔ M	Memory	[()]	%	R ↔ P	ENG	Auto power-off	Others
fx-600	LCD	8	8 + 2	○	○	○	○	○	1	18	○	○			$\sqrt[3]{}$, ab/c, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr.
x-8100	LCD	8	8 + 2	○	○	○	○	○	1	5	○	○			$\sqrt[3]{}$, ab/c, Alarm clock, Calendar, 1/100 sec., stopwatch, Countdown alarm.

Basic functions Trig./ARC, DEG/RAD/GRA, log, 10^x , ln, e^x , x^y , $x^{1/y}$, $\sqrt{\quad}$, x^2 , $1/x$, $x!$, $\frac{\circ}{(10 \rightarrow 60)}$, $+/-$, π , EXP

Model	Display	Display capacity (characters)	Mantissa + EXP	No. of Program steps	No. of memories	No. of Programs storable	Subroutine levels	Checking and editing	Standard deviations	Others
❖7000G	LCD*	16 x 8	10 + 2	442 – 6	78 – 26	10	9	○	○	Graphic functions, True algebraic logic, Perfect entry system, Base calculations/conversions, Logical operations, Regression analysis, Replay function.

Dot matrix display

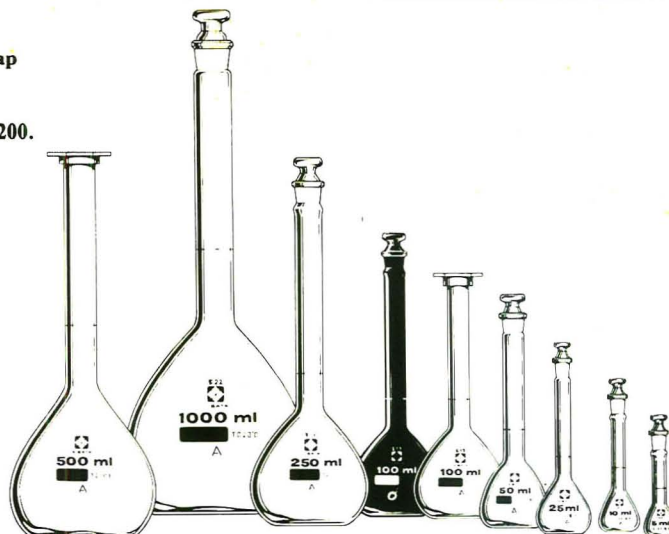
10% off for 10 or more of each, or 10 assorted. Equip your whole area with quality Casio Scientifics.

BOROSILICATE VOLUMETRICS TO NBS SPECIFICATIONS

- SIBATA® Brand Class A TC Volumetric Flasks with $\overline{T}$ Stopper or Plastic Snap Cap.
- Priced 20-30% below domestic brands.
- Duran™ Borosilicate glass, equal to Pyrex® 7740, Kimax® KG-33, Wheaton® 200.
- Order single units or package quantities.

Calibrated to contain at 20° C. High quality Sibata Brand Volumetric Flasks with either a glass stopper or plastic snap-cap type closure. All are carefully calibrated and comply with Federal Specification NNN-F-289 for class "A" "unserialized flasks" tolerance limitations.

All are fabricated from Duran™ borosilicate glass. All have permanently etched graduation line, with large white block letters for easy identification.

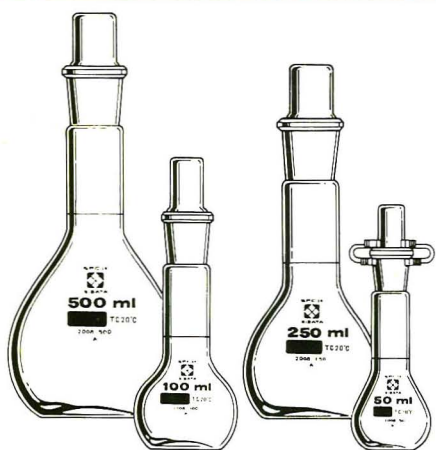


Class A TC Volumetrics With Glass Stopper

Catalog No.	Capacity ml	Tolerance $\pm$ ml	Stopper No.	List Price Each	Pack Quantity	Pack Price
DS-2306A-5	5.0	0.02	9	\$ 6.98	6	\$ 34.90
DS-2306A-10	10.0	0.02	9	7.96	6	34.90
DS-2306A-25	25.0	0.03	9	7.96	6	40.85
DS-2306A-50	50.0	0.05	13	8.34	4	27.80
DS-2306A-100	100.0	0.08	13	8.96	4	29.35
DS-2306A-250	250.0	0.12	16	11.55	4	38.50
DS-2306A-500	500.0	0.20	19	14.25	2	23.75
DS-2306A-1000	1000.0	0.30	22	17.16	2	28.60

Class A TC Volumetrics With Plastic Snap Cap

DS-2303A-10	10.0	0.02	1	\$ 5.60	6	\$ 27.92
DS-2303A-25	25.0	0.03	2	6.50	6	32.68
DS-2303A-50	50.0	0.05	3	6.75	4	22.24
DS-2303A-100	100.0	0.08	3	7.25	4	23.88
DS-2303A-200	200.0	0.10	4	7.95	4	26.60
DS-2303A-250	250.0	0.12	4	9.25	4	30.80
DS-2303A-500	500.0	0.20	5	11.40	2	19.00
DS-2303A-1000	1000.0	0.30	6	13.75	2	22.88



All new wide neck volumetric with Clear Seal™ Joint and Stopper, designed especially for applications where contamination of stopper grease is critical, and where a wider neck is necessary to accept pipettes or pipetting devices. Same glass specifications as DS-2303A and DS-2306A series.

Wide Mouth TC Volumetrics With ClearSeal™ Joint and Stopper

Catalog No.	Capacity ml	List Price Each	Pack Quantity	Pack Price
DS-2008A-50	50	\$ 9.22	4	\$ 36.89
DS-2008A-100	100	9.22	4	36.89
DS-2008A-200	200	10.07	4	40.28
DS-2008A-250	250	11.75	4	47.00
DS-2008A-500	500	6.72	2	13.44

Order all volumetrics singly or by the pack. Pack discounts are as follows: 1-9 packs net, 10-19 packs 10%, 20 packs and over 15%.

ORDER FROM DIRECT - Call toll free 1-800-832-7378 or in NJ call 1-609-825-5575
Our Customer Service Personnel will assist you with technical information.

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Canadian customers - include name of broker.

TERMS - are net 30 days F.O.B. Millville NJ once an open account has been established. Usually, orders with a net value of \$500.00 can be shipped to any listed US firm. Our credit department will assist you in establishing credit for larger shipments, or you may include payment with your order and we will ship freight collect. For all orders under \$25.00, order using Visa/Mastercard, UPS/COD, or send check for net amount with order and include \$5.00 for shipping and handling.

SALES TAX - will be billed unless you include a sales tax number and certificate with your order.

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Laboratory Supply Houses



This section lists main dealer locations and main branch offices by region and state. Following each state, listings are alphabetical by city.

This 4-part section lists locations according to:

NORTHEASTERN: Connecticut, Maryland, Massachusetts, New Jersey, New York, Pennsylvania

SOUTHERN: Alabama, Florida, Georgia, Kentucky, Louisiana, North Carolina, South Carolina, Tennessee, Texas, Virginia, West Virginia

MIDWESTERN: Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio, Oklahoma, Wisconsin

WESTERN & SOUTHWESTERN: Alaska, Arizona, California, Colorado, Hawaii, Montana, Oregon, Utah, Washington

CANADA & PUERTO RICO

In each state, listings are alphabetical by cities, making it easy to locate laboratory supply house in any area.

NORTHEASTERN

Connecticut

Structure Probe, Inc., 63 Unquoa Rd.,
Fairfield, 06604
(203) 254-0000

Biddle Instruments Sales, Eastonix,
Inc., 286 Opening Hill Rd., **Madison**,
06443
(203) 421-4514

Macalaster Bicknell Co. of Conn., Inc.,
181 Henry St., **New Haven**, 06510
(203) 624-4191

Maryland

VWR Scientific, 6601 Amberton Dr.,
Baltimore, 21227
(301) 796-8500

Alphagaz Specialty Gases, Woods Rd.,
P.O. Box 149, **Cambridge**, 21613
(301) 228-6400

American Scientific Products, 8855
McGaw Rd., **Columbia**, 21045
(301) 992-0800
(800) 638-2813

Curtin Matheson Scientific, Inc., 8291
Patuxent Range Rd., Suite F, **Jes-
sup**, 20794

Ace Scientific Supply Co., Inc., 15863
Crabbs Branch Way, Suite 33A,
Rockville, 20855
(301) 670-0878

Fisher Scientific Co., 7722 Fenton St.,
Silver Spring, 20910
(301) 587-7000

SGA Scientific, Inc., Wheaton Plaza
Office Bldg., **Silver Spring**, 20902
(301) 587-5600

Biddle Instruments Sales, Black & As-
sociates, 15210 Priceville Rd.,
Sparks, 21152
(301) 472-2416

Thomas Scientific, **Washington, D.C.**
(202) 652-3160

Massachusetts

Norton Chemplast, 77 Powder Mill Rd.,
Acton, 01720
(617) 897-9311

American Scientific Products, 20 Wig-
gins Ave., **Bedford**, 01730
(617) 275-1100
(800) 842-1208 (MA.)
(800) 225-1642

Biddle Instruments Sales, Eastonix,
Inc., 18 North Rd., **Bedford**, 01730
(617) 275-5775

Thomas Scientific, **Boston**
(617) 536-9448

VWR Scientific, P.O. Box 232, **Boston**,
02101
(617) 964-0900

Baron Consulting Co., P.O. Box 157,
East Falmouth, 02536
(617) 540-3815

Alcatel Vacuum Products, 40 Pond Rd.,
Hingham, 02043
(617) 749-8710

Fisher Scientific Co., 416 Riverside
Ave., P.O. Box 379, **Medford**, 02155
(617) 391-6110

Interex Corp., 3 Strathmore Rd., **Na-
tick**, 01760
(617) 237-6650

Alphagaz Specialty Gases, 51 Creeper
Hill Rd., **North Grafton**, 01536
(617) 839-4433

Scott Specialty Gases, Lakeside Office
Bldg., North Avenue, **Wakefield**,
01880
(617) 245-8707

A. Simcovitz, Inc., 69 Ashley Ave.,
West Springfield, 01089
(413) 732-2924

Curtin Matheson Scientific, Inc., 110A
Commerce Way Bldg., #1, **Woburn**,
01888
(617) 935-5888

Variable Volumetrics, Inc., 18 Cum-
mings Park, **Woburn**, 01801
(617) 933-8170

New Jersey

SGA Scientific, Inc., 735 Broad St.,
Bloomfield, 07003
(201) 748-6600

Wimad Glass Co., Inc., Rt. 40 & Oak
Rd., **Buena**, 08310
(609) 697-3000

Ace Scientific Supply Co., Inc., 40-A
Cotters La., P.O. Box 1018, **E.
Brunswick**, 08816
(201) 254-0400

Alphagaz Specialty Gases, 977 New
Durham Rd., P.O. Box 807, **Edison**,
08818
(201) 287-8766

American Scientific Products, 100 Rar-
itan Center Pkwy., **Edison**, 08818
(201) 494-4000
(800) 964-2193 (N.J.)
(899) 982-0165 (N.J.)
(800) 221-0511 (Pa.)

General Scientific, 90 Mayfield Ave.,
P.O. Box 99, **Edison**, 08818
(201) 225-4560

Biddle Instruments Sales, L&M Asso-
ciates, P.O. Box 215, **Elmwood
Park**, 07407
(201) 797-0441

Measurement Controls Corp., 600 Pali-
sade Ave., **Engelwood Cliffs**, 07632

Norton Chemplast, 250 Goffle Rd.,
Hawthorne, 07507
(201) 696-4700

Structure Probe, Inc., 230 Forrest St.,
Metuchen, 08840
(201) 549-9350

Macalaster Bicknell Co., of N.J., Inc.,
North and Depot Sts., **Millville**,
08332
(609) 825-3222

Alcatel Vacuum Products, 8 Pine Cove,
Mt. Laurel, 08054
(609) 772-0724

LaPine Scientific Co., 275 Chestnut
St., **Norwood**, 07648
(201) 768-8640

Scherer, Rt. 80 & Hood Mountain Rd.,
Pine Brook, 07058
(201) 227-3300

VWR Scientific, CN 1380, **Piscataway**,
08854
(201) 766-8030

J. & H. Berge, Inc., 4111 S. Clinton
Ave., **South Plainfield**, 07080
(201) 561-1234 (N.J.)
(212) 925-5197 (N.Y.)
(202) 682-3994 (D.C.)

Scott Specialty Gases, 2330 Hamilton
Blvd., **South Plainfield**, 07080
(201) 754-7700

Fisher Scientific Co., 52 Fadem Rd.,
Springfield, 07081
(201) 379-1400

Sargent Welch Scientific Co., 35 Stern
Ave., **Springfield**, 07081
(201) 376-7050

Thomas Scientific, 99 High Hill Rd., at
I-295, P.O. Box 99, **Swedesboro**,
08085-0099
(609) 467-2000

Independent Equipment Corp., P.O.
Box 460, Route 202N, **Three
Bridges**, 08887
(201) 782-5889

Ace Glass, Inc., 1430 N.W. Blvd., **Vine-
land**, 08360
(609) 692-3333

Curtin Matheson Scientific, Inc., 357
Hamburg, Tpk., **Wayne**, 07470
(201) 942-3300

New York

Krackeler Scientific, Inc., P.O. Box
1849, **Albany**, 12201-1849
(518) 462-4281

Structure Probe, Inc., 1015 Merrick
Rd., **Coplaque**
(516) 789-0100

Norton Co., One Sealants Pk., **Gran-
ville**, 12832
(518) 642-2200

Fluka Chemical Corp., 255 Oser Ave.,
Hauppauge, 11787
(516) 273-0110

Biddle Instruments Sales, L&M Asso-
ciates, 175 W. 12th St., **New York**,
10011
(212) 243-6155

Thomas Scientific, **New York City**
(212) 732-5034

Riverside Chemical Co., Inc., 871-941
River Rd., **N. Tonawanda**, 14120
(716) 692-1350
(800) 962-6232 (N.Y.)

Biddle Instruments Sales, Canavan-
Scanlon Asso., Inc., P.O. Box 9867,
Rochester, 14623
(716) 424-1830

Dynalab Corp., 350 Commerce Dr.,
Rochester, 14601
(716) 334-2060

Educational Modules, Inc., Merrell Sci-
entific Div., 1665 Buffalo Rd., **Roch-
ester**, 14624
(716) 426-1540

Fisher Scientific Co., 15 Jet View Dr.,
P.O. Box 8740, **Rochester**, 14624
(716) 464-8900

Rochester Scientific Div. of Dynalab
Corp., P.O. Box 161, **Rochester**,
14692
(716) 334-2062

VWR Scientific, P.O. Box 1050, **Roch-
ester**, 14603
(716) 247-0610

MS Instrument Co., Inc., P.O. Box 98,
Stony Creek, 12878
(518) 696-2801

Macalaster Bicknell Co. of N.Y., Inc.,
New Court St. at Eastbourne Dr.,
Syracuse, 13206
(315) 463-9216
(800) 962-7525

New York Laboratory Supply Co., Inc.,
510-26 Hempstead Tpk., P.O. Box
516, **West Hempstead**, 11552
(516) 538-7790
(212) 724-8289

Chemap, Inc., 230 Crossways Park Dr.,
Woodbury, 11797
(516) 364-2100

Pennsylvania

- Biddle Instruments Sales, L&M Associates, 965-A Bristol Pike, **Andalusia**, 19020
(215) 245-6658
- Fisher Scientific Co., 191 South Gulph Rd., P.O. Box J, **King of Prussia**, 19406
(215) 265-0300
- Serfilco, Ltd., One Lark Ave., **Leola**, 17540
(717) 656-2161
- Chemical Data Systems, 7000 Lime-stone Rd., **Oxford**, 19363
(215) 932-3636
- VWR Scientific, P.O. Box 8188, **Philadelphia**, 19101
(609) 467-3333
- Fisher Scientific Co., 711 Forbes Ave., **Pittsburgh**, 15219
(412) 562-8300
- Fisher Scientific Co., 585 Alpha Dr., **Pittsburgh**, 15238
(412) 781-3400
- VWR Scientific, 147 Delta Dr., **Pittsburgh**, 15238
(412) 782-4230
- American Scientific Products, 171 Thornhill Dr., **Warrendale**, 15086
(412) 776-5080
(800) 848-9670 (PA,WV)
(800) 282-9640 (OH)
- Biddle Instruments Sales, Lax Associates, 5562 Ziegler Rd., **Verona**, 15147
(412) 795-8055
- Thomas Scientific, **Eastern and North-eastern Regions**
(800) 523-4414
(800) 345-2103

SOUTHERN

Alabama

- Continental Water Systems Corp., 2200 26th St., N., **Birmingham**, 35234
(205) 324-6556
- Sargent-Welch Scientific Co., 3125 7th Ave., N., P.O. Box 10404, **Birmingham**, 35202
(205) 251-5125

Florida

- Biddle Instruments Sales, Col-Ins-Co., Inc., **Ft. Lauderdale**
(305) 423-7615
- Continental Water Systems Corp., 1919 N.W. 19th St., **Ft. Lauderdale**, 33311
(305) 524-0669
(305) 944-9639
- Fisher Scientific Co., 1815 E. Commercial Blvd., **Ft. Lauderdale**, 33308
(305) 491-7630
(305) 374-5750
- Continental Water Systems Corp., P.O. Box 5038, **Gainesville**, 32602
(904) 376-7833
- Scherer, 5255 N.W. 163rd St., **Hialeah**, 33014
(305) 625-3421
- Continental Water Systems Corp., P.O. Box 8841, **Jacksonville**, 32239
(904) 743-0433
- American Scientific Products, 1900 N.W. 97th Ave., **Miami**, 33152
(305) 592-4620
(305) 483-3707
(305) 659-4808
- Thomas Scientific, **Miami**
(305) 372-1220

- VWR Scientific, P.O. Box 520127, **Miami**, 33152
(305) 625-7181
- American Scientific Products, 601 S.W. 33rd Ave., **Ocala**, 32670
(904) 732-3480
(800) 342-0191
- Alphagaz Specialty Gases, 3010 Eunice Ave., **Orlando**, 32804
(305) 293-7951
- Continental Water Systems Corp., 1201 S. Orange Blossom Trail, **Orlando**, 32805
(305) 425-3619
- Curtin Matheson Scientific, Inc., 7524 Currency Dr., **Orlando Central Pk.**, **Orlando**, 32809
(305) 859-8281
- Fisher Scientific Co., 7464 Chancellor Drive, P.O. Box 13430, **Orlando**, 32809
(305) 857-3600
- Continental Water Systems Corp., 6001 Johns Road Stall B-11, **Tampa**, 33614
(813) 886-7722

Georgia

- Brinkmann Instruments, Inc., 3772 Pleasantdale Rd., **Atlanta**, 30340
(404) 939-3400
- Measurement Controls Corp., 1651 Phoenix Blvd., **Atlanta**, 30349
- Thomas Scientific, **Atlanta**
(404) 523-8510
- VWR Scientific, P.O. Box 13007, **Sta. K, Atlanta**, 30324
(404) 262-3141
- Alphagaz Specialty Gases, 1315 New Savannah Rd., **Augusta**, 30901
(404) 722-6334
- Curtin Matheson Scientific, Inc., 2140 Newmarket Pkwy., Suite 120, **Marletta**, 30067
(404) 952-0500
- Fisher Scientific Co., 2775 Pacific Drive, P.O. Box 289, **Norcross**, 30091
(404) 449-5050
- Whittaker General Scientific, 1015 Norcross Industrial Court, **Norcross**, 30071
(404) 449-9141
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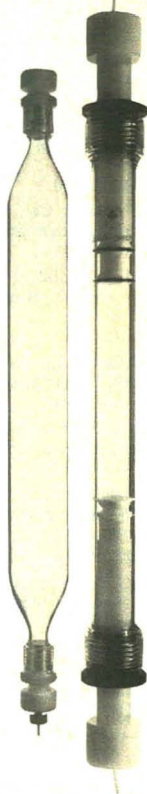
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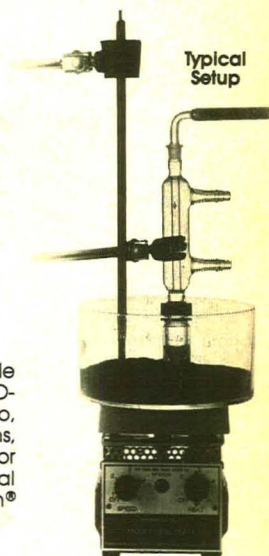
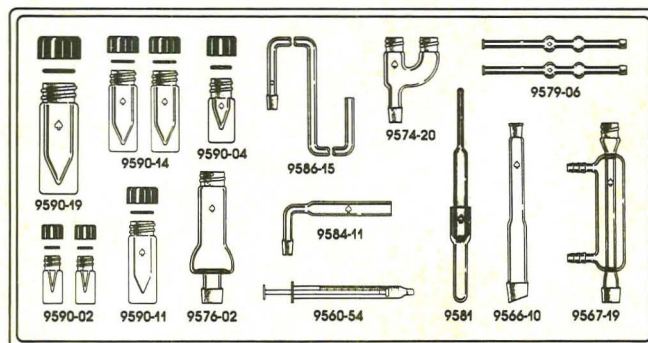
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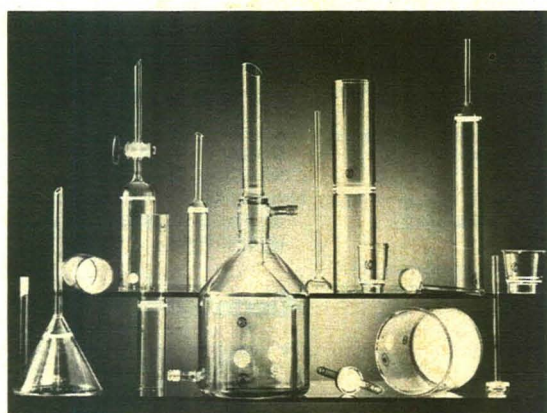
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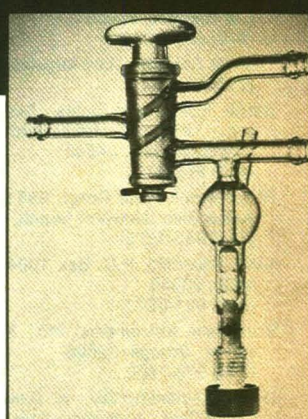
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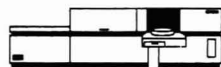
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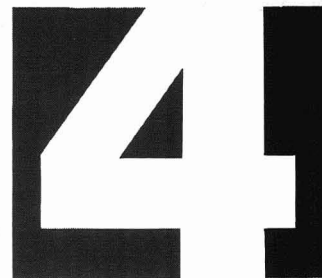


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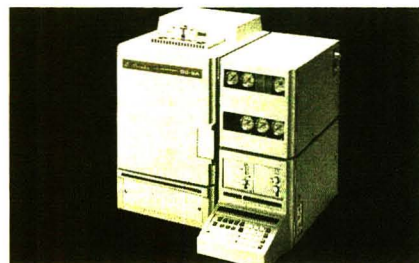
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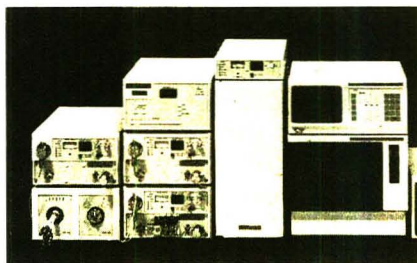
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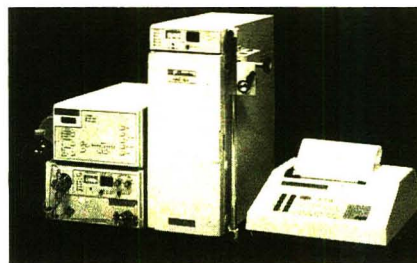
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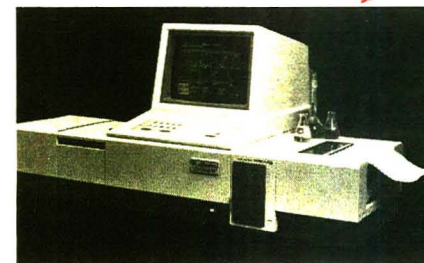
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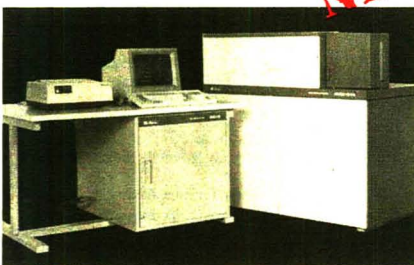
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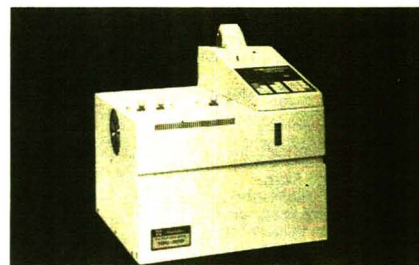


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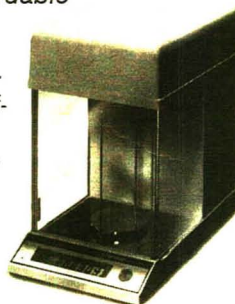
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Div.

Harvard Apparatus
Hewlett-Packard Co.
Honeywell, Inc., Test
Instruments Div.
Ithaco, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Tektronix, Inc.
Teledyne Philbrick

differential comparator

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Eco Instruments
Nuclide Corp.
Nuclide Corp., AGV Div.
Rank Precision Industries, Inc.
Schaevitz Engineering
Sprague Electric Co.
Tektronix, Inc.
Teledyne Philbrick

electronic

Analog Devices, Inc.
Canberra Industries, Inc.
EG&G Ortec
EIMAC
FX Systems Corp.
Gould, Inc., Recording Systems
Div.
Hewlett-Packard Co.
Itek Corp.
Ithaco, Inc.
Leeds & Northrup Instruments
Nuclide Corp.
The Ohmart Corp.
Sprague Electric Co.
Teledyne Philbrick
Tennelec, Inc.
Watkins-Johnson Co.

linear

Analog Devices, Inc.
EG&G Ortec
EIMAC
Gould, Inc., Recording Systems
Div.

Hewlett-Packard Co.
Itek Corp.
Ithaco, Inc.
Keithley Instruments, Inc.
Nuclear Data, Inc.
Nuclide Corp.
The Ohmart Corp.
Sprague Electric Co.
Teledyne Philbrick
Tennelec, Inc.

lock-in type

Hinds International, Inc.
Ithaco, Inc.
Pacific Instruments, Inc.

logarithmic

Analog Devices, Inc.
EIMAC
Gould, Inc., Recording Systems
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Hewlett-Packard Co.
Itek Corp.
Keithley Instruments, Inc.
Leeds & Northrup Instruments
Nuclide Corp.
Nuclide Corp., AGV Div.
Pacific Instruments, Inc.
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low-level differential

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Bascom-Turner Instruments
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Honeywell, Inc., Test
Instruments Div.
Ithaco, Inc.
Leeds & Northrup Instruments
Nuclide Corp.
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magnetic

General Electric Co.

multichannel

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Instruments Div.
Itek Corp.
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Nuclide Corp.
Nuclide Corp., AGV Div.
Tennelec, Inc.

nuclear - see radiation equipment

operational

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Esterline Angus Instrument
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Hewlett-Packard Co.
Keithley Instruments, Inc.
Nuclide Corp.
Pacific Instruments, Inc.
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peak limiting

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Rank Precision Industries, Inc.

physiological special purpose

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Hewlett-Packard Co.
Stoelting Co.

power

EIMAC
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Nuclide Corp.
Sprague Electric Co.
Teledyne Philbrick
Watkins-Johnson Co.

preamplifiers

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EIMAC
Esterline Angus Instrument
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Harvard Apparatus
Honeywell, Inc., Test
Instruments Div.
Itek Corp.
Ithaco, Inc.
Wm. B. Johnson & Associates,
Inc.
Leeds & Northrup Instruments
Mech-Tronics Nuclear
Nuclear Data, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Pacific Instruments, Inc.
Panometrics, Inc.
PRA International, Inc.
SETARAM
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Tektronix, Inc.
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Tennelec, Inc.
Tracor Atlas, Inc.
Watkins-Johnson Co.

pulse

Balzers
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EIMAC
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Harvard Apparatus
Hewlett-Packard Co.
Itek Corp.
Ithaco, Inc.
Wm. B. Johnson & Associates,
Inc.
Mech-Tronics Nuclear
Nuclear Data, Inc.
Nuclide Corp.
Pacific Instruments, Inc.
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ratio recording

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Corp.
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Nuclide Corp.

servo

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thermocouple

Columbus Instruments
International Corp.
Elmik Instruments, Inc.
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Honeywell, Inc., Test
Instruments Div.
Leeds & Northrup Instruments
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Omega Engineering, Inc.
Oriol Corp.
Teledyne Philbrick
Wilkinson Instrument Co., Inc.

transducer and strain gage

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Data Instruments, Inc.
FX Systems Corp.
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Gould, Inc., Recording Systems
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Harvard Apparatus
Hewlett-Packard Co.
Honeywell, Inc., Test
Instruments Div.
Ithaco, Inc.
Jumo Process Control, Inc.
Leeds & Northrup Instruments
Linseis, Inc.
Omega Engineering, Inc.
Pacific Instruments, Inc.
Schaevitz Engineering
Stoelting Co.
Teledyne Philbrick
Unimeasure, Inc.
Wilkinson Instrument Co., Inc.

wideband

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Climet Instruments Co.
Cole-Parmer Instrument Co.
Kahl Scientific Instrument Corp.
Omega Engineering, Inc.
Prolabo
Sierra Instruments, Inc.
Sierra/Misco, Inc.
Teledyne Hastings-Raydist
Texas Electronics, Inc.
TSI, Inc.

laser

Coherent, Inc.
Malvern Instruments, Inc.
TSI, Inc.

mechanical

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Alnor Instrument Co.
Bico, Inc.
Cole-Parmer Instrument Co.
Hi-Q Environmental Products Co.
Kahl Scientific Instrument Corp.
Prolabo
Taylor/Thermometer Corp. Am.
Thermometer Corp. of America
Thomas Scientific

thermal

Airflow Developments (Canada),
Ltd.
Alnor Instrument Co.
Datametrics
Sierra Instruments, Inc.
Teledyne Hastings-Raydist
TSI, Inc.

ANLINE POINT APPARATUS - see petroleum testing equipment

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Consolidated Equipment Supply
Corp.
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Lab-Line Instruments, Inc.
Nalge Co.
Prolabo
Sargent-Welch Scientific Co.
Stoelting Co.
Thomas Scientific
Wilkinson-Anderson Co.
Wire Cloth Manufacturers, Inc.

APRONS, laboratory

American Scientific Products
Bel-Art Products
Cole-Parmer Instrument Co.
Dynalab Corp.
Edmont
General Scientific Equipment
Co.
Harvard Apparatus
Interex Corp.
Nuclear Associates
Polysciences, Inc.
Thomas Scientific
Wale Apparatus Co.

ASHERS, low temperature

Fisher Scientific Co.
Harrick Scientific Corp.
March Instruments
Structure Probe, Inc.
Tegal Scientific, Inc.
Tekmar Co.
Yamato USA, Inc.

ATOMIC ABSORPTION - see spectrometers, atomic absorption and fluorescence

ATOMIC FLUORESCENCE - see spectrometers, atomic absorption and fluorescence

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Professional Tape Co.
Prolabo
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Yamato USA, Inc.

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Fisher Scientific Co.
Hach Co.
Hamilton Co.
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Hewlett-Packard Co.
Honeywell, Inc.
Ionics, Inc.
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Luft Instruments, Inc.
Marconi Instruments
Medical Laboratory Automation,
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Page-Wilson Corp.
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 Thomas Scientific
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 VWR Scientific
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 Shimadzu Scientific Instruments, Inc.
 Tegal Scientific, Inc.
 Tekmar Co.
 Thomas Scientific
 Toledo Scale
 Toledo Scale/Reliance Electric
 Voland Corp.
 VWR Scientific
 Yamato USA, Inc.

Tegal Scientific, Inc.
 Thomas Scientific
 Toledo Scale
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 Vertex Industries, Inc.
 Voland Corp.
 VWR Scientific
 Whatman Inc.
 Wilkens-Anderson Co.
 Yamato USA, Inc.

animal

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 Columbus Instruments International Corp.
 Harvard Apparatus
 Johnson-Precisa Balance
 Manostat Corp.
 Mettler Instrument Corp.
 Ohaus Scale Corp.
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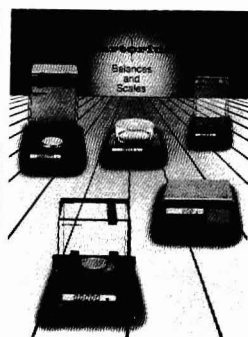
automatic

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 Ainsworth
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 Shimadzu Scientific Instruments, Inc.
 Tegal Scientific, Inc.
 Toledo Scale
 Toledo Scale/Reliance Electric
 Voland Corp.
 Yamato USA, Inc.

electronic

Voland Corp.
electronic
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 Arbor Labs., Inc.
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 Sloan Technology Corp.

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 Toledo Scale
 Toledo Scale/Reliance Electric
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 Arbor Labs., Inc.
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 Toledo Scale
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Borrelene

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 Eberbach Corp.
 Fisher Scientific Co.
 Hengar Co. Div.
 Mettler Instrument Corp.
 Ohaus Scale Corp.
 Prolabo
 Sargent-Welch Scientific Co.
 Sartorius Balance
 Div./Brinkmann Instruments Co.
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 Seederer-Kohlbusch, Inc.
 Sepor, Inc.
 Setra Systems, Inc.
 Shimadzu Scientific Instruments, Inc.
 Testing Machines, Inc.

Thomas Scientific
 Troemner, Inc.
 Voland Corp.
 VWR Scientific

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 Johnson-Precisa Balance
 Matheson Gas Products
 Mettler Instrument Corp.
 Ohaus Scale Corp.
 Sargent-Welch Scientific Co.
 Sartorius Balance
 Div./Brinkmann Instruments Co.
 Sciencetech, Inc.
 Sepor, Inc.
 Setra Systems, Inc.
 Shimadzu Corp.
 Shimadzu Scientific Instruments, Inc.
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torsion

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 Thomas Scientific
 Wilkens-Anderson Co.

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 Kahl Scientific Instrument Corp.
 Prolabo
 Taylor/Thermometer Corp. Am.
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 MKS Instruments, Inc.
 Princo Instruments, Inc.
 Prolabo
 Sargent-Welch Scientific Co.
 Taylor/Thermometer Corp. Am.
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 Thermometer Corp. of America
 Thomas Scientific
 Wallace & Tiernan

BATHS

calibrating

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 Forma Scientific
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 Hart Scientific, Inc.
 Hotpack Corp.
 King Nutronics Corp.
 Mast Development Co.
 Napco
 Neslab Instruments, Inc.
 PolyScience Corp.
 Proceadyne Corp.
 Sargent-Welch Scientific Co.
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 Scientific Development Co.
 Techne Incorporated
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constant temperature, fluidized sand

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 Proceadyne Corp.
 Techne Incorporated
 Tegal Scientific, Inc.
 Thomas Scientific
 VWR Scientific
 Wilkens-Anderson Co.
 Yamato USA, Inc.

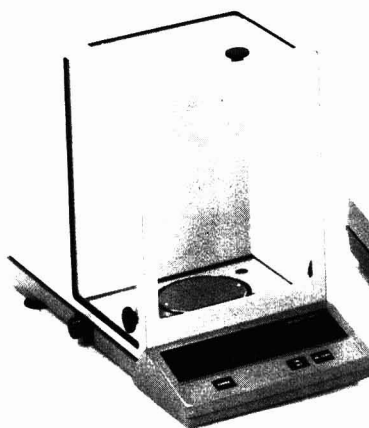
constant temperature, oil

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 Blue M
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 Lauda
 Neslab Instruments, Inc.
 PolyScience Corp.
 Precision Scientific, Inc.
 Prolabo
 Ruska Instrument Corp.
 Sargent-Welch Scientific Co.
 Science/Electronics, Inc.

mg, g, oz, lb, kg

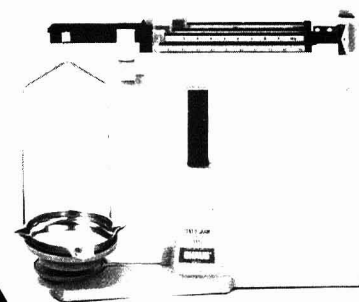
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**constant temperature,
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 Thomas Scientific
 Tronac, Inc.
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 VWR Scientific
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 Yamato USA, Inc.

dip

Blue M
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 Thermolyne Corp.
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ice

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**viscosity - see petroleum
 testing equipment**

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 VWR Scientific

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BELL JARS - see glassware

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 furniture, laboratory**

BINDERS - see chart binders

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 EQUIPMENT,
 automated**

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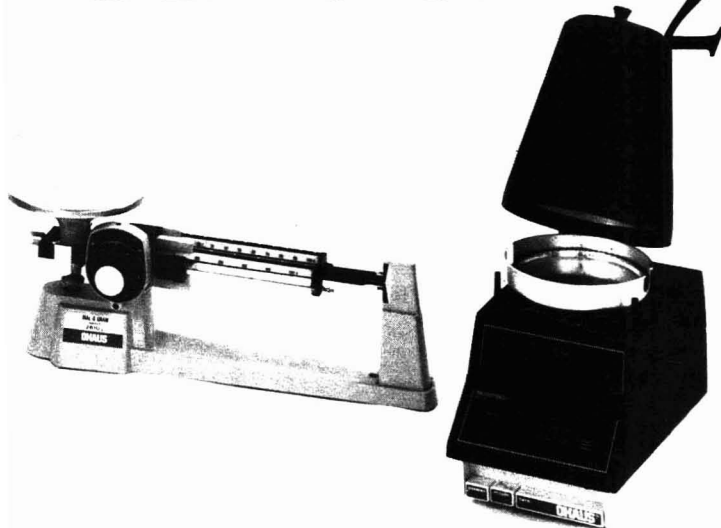
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Tekmar Co.
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Alphagaz Specialty Gases
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Matheson Gas Products
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Inc., Clinical & Instrument
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LKB Produkter AB
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Nova Analytical
Nova Biomedical
Nuclide Corp.
Nuclide Corp., AGV Div.
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Orion Research Inc.
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Yellow Springs Instrument Co.

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(NJ)
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Sargent-Welch Scientific Co.
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UIC, Inc.

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Parr Instrument Co.
Polaron Instruments, Inc.
Precision Scientific, Inc.
Prolabo
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Kimble Div.
Kontes
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Nalge Co.
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Norton Performance Plastics
Pierce Chemical Co.
Plasticware Lab. Products
Rainin Instrument Co., Inc.
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Schott America
Scientific Specialties Service,
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Sun Brokers, Inc.
Tech Glass Co., Inc.
Thomas Scientific
VWR Scientific
Wale Apparatus Co.
Wheaton Scientific
Young Laboratories

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Corning Glass Works
Dynalab Corp.
Gallenkamp
General Drug & Chemical Corp.
Kimble Div.
Kontes
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New York Laboratory Supply
Co., Inc.
Scientific Glass & Instruments,
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SGA Scientific Inc.
Sun Brokers, Inc.
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VWR Scientific

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Cole-Parmer Instrument Co.
Eco Instruments
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Hach Co.
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Kahl Scientific Instrument Corp.
Kimble Div.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
Laboratory Supplies Co., Inc.
LaMotte Chemical Products Co.
Luft Instruments, Inc.
Manostat Corp.
Metrohm
Nuclear Equipment Chemical
Corp.
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Prolabo
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Sanda, Inc.
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Sun Brokers, Inc.
Tech Glass Co., Inc.
Thomas Scientific
Tudor Scientific Glass Co.
Wilkins-Anderson Co.

micro

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Cole-Parmer Instrument Co.
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Gallenkamp
Gilmont Instruments, Inc.
Hach Co.
Ionics, Inc.
Kimble Div.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
LaMotte Chemical Products Co.
Manostat Corp.
Nuclear Equipment Chemical
Corp.
Prolabo
Sargent-Welch Scientific Co.
Scientific Glass & Instruments,
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SGA Scientific Inc.
Tech Glass Co., Inc.
Thomas Scientific
Tudor Scientific Glass Co.

piston

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Ionics, Inc.
Metrohm
Prolabo
Radiometer America, Inc.
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Thomas Scientific

plastic

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Prolabo
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Thomas Scientific
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FIATron Laboratory Systems
Ionics, Inc.
Leeman Labs., Inc.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Sanda, Inc.
Texas Nuclear

CAGES, animal - see animal cages**CALCIUM ANALYZERS**

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bomb - see also pressure reaction apparatus

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Thomas Scientific
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Scott Specialty Gases
Veriflo Corp.

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Leco Corp.
Mettler Instrument Corp.
Parr Instrument Co.
SETARAM
Tronac, Inc.

micro

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LKB Instruments, Inc.
LKB Produkter AB
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Perkin-Elmer Corp.
SETARAM
Tronac, Inc.

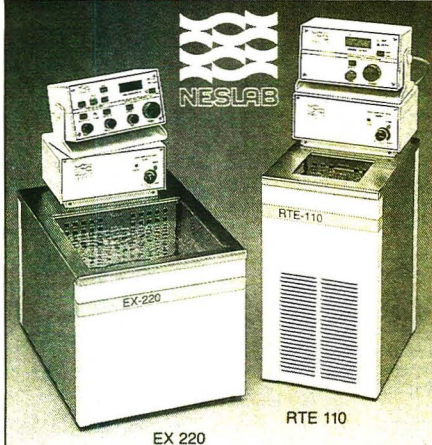
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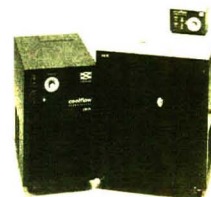
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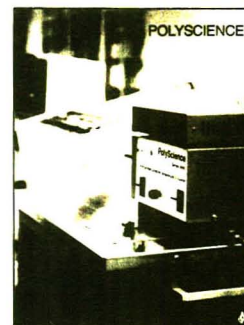


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Mettler Instrument Corp.
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SETARAM
Tronac, Inc.

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CAMERAS

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Cole-Parmer Instrument Co.
EM Corp.
Fish-Schurman Corp.
Karl Heitz, Inc.
Laboratory Products, Inc.
E. Leitz, Inc.
McCrone Accessories & Components
Nikon, Inc.
Olympus Corp.
Reichert-Jung, Cambridge Instruments, Inc.
Schlueter Instruments Corp.
Seiler Instrument & Manufacturing Co., Inc.
Unitron Instruments, Inc.
Vickers Instruments, Inc.
Wild Heerbrugg Instruments, Inc.
Carl Zeiss, Inc.

time-lapse

Karl Heitz, Inc.
Laboratory Products, Inc.
Nikon, Inc.
Olympus Corp.

ultra-high speed

Hamamatsu Corp.
Karl Heitz, Inc.
Marco Scientific, Inc.

video, high-speed

Artek Systems Corp.
Hamamatsu Corp.
Marco Scientific, Inc.

x-ray

Enraf-Nonius
General Electric Co.
Karl Heitz, Inc.
Keithley Instruments, Inc.
Marco Scientific, Inc.
Mettler Instrument Corp.
Perkin-Elmer Corp.
Sensidyne, Inc.
Tecom, Inc.
Teledyne Analytical Instruments
UIC, Inc.
Valco Instruments Co., Inc.
Wheaton Scientific

other

Fotodyne, Inc.
Ernest F. Fullam, Inc.
General Electric Co.
Karl Heitz, Inc.
Itek Corp.
Kahl Scientific Instrument Corp.
Newport Corp.
Nuclear Associates
Quantum Instruments, Inc.
Stoelting Co.
Wild Heerbrugg Instruments, Inc.

CANS - see containers and safety equipment

CAPACITANCE MEASURING EQUIPMENT

Amprobe Instrument
Balsbaugh, Inc.
Cole-Parmer Instrument Co.
Edwards High Vacuum, Inc.
EG&G Princeton Applied Research
Hewlett-Packard Co.
The Hickok Electrical Instrument Co.
Monroe Electronics, Inc.
Racal-Dana Instruments, Inc.
Rutherford Research
Tektronix, Inc.
United Technical Corp.

CAPACITANCE STANDARDS

Rutherford Research

CAPACITORS, high voltage storage

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Hipotronics, Inc.
Sprague Electric Co.

CARBON, activated

Alfa Products
Alltech Associates/Applied Science
American Air Filter
Analabs
J. T. Baker Chemical Co.
Barnebey-Cheney
Cel/Milton Roy
Culligan International Co.
Goodfellow Metals Cambridge, Ltd.
HI-Q Environmental Products Co.
Illinois Water Treatment Co.
LaJolla Scientific Co., Inc.
Reade Metals & Minerals Corp.
Serfilco, Ltd.
Sethco Div.
Supelco, Inc.
Technic Central Systems, Inc.
Thomas Scientific
Union Carbide Corp., Linde Div.

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Balzers
Barnebey-Cheney
Chemical Data Systems
Control Equipment Corp.
Coulometrics, Inc.
Carlo Erba Strumentazione S.p.A.
The Foxboro Company
Haake Buchler Instruments, Inc.
Horiba Instruments, Inc.
Ionics, Inc.
Jasco Inc.
Leco Corp.
Leeds & Northrup Instruments
Monitor Labs, Inc.
Nuclide Corp.
Perkin-Elmer Corp.
Sensidyne, Inc.
Tecom, Inc.
Teledyne Analytical Instruments
UIC, Inc.
Valco Instruments Co., Inc.
Wheaton Scientific

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Gow-Mac Instrument Co.
Horiba Instruments, Inc.
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Mine Safety Appliances Co.
National Draeger, Inc.
Nova Analytical
Orbeco Analytical Systems, Inc.
Orion Research Inc.
The Permutit Co., Inc.
Sargent-Welch Scientific Co.
Sensidyne, Inc.
Teledyne Analytical Instruments
Thermo Instrument Corp.
Thermo Environmental Instruments, Inc.
United Technical Corp.
Wescan Instruments, Inc.

CARBON MONOXIDE ANALYZERS

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Calibrated Instruments, Inc.
CEA Instruments, Inc.
DEVCO Engineering, Inc.
Dynatron, Inc.
The Foxboro Company
General Electric Co.
Horiba Instruments, Inc.
Inficon Leybold-Heraeus, Inc.
Interscan Corp.
MDA Scientific, Inc.
Measurement Controls Corp.
Mine Safety Appliances Co.
National Draeger, Inc.
Prolabo
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Sensidyne, Inc.
Teledyne Analytical Instruments
Thermo Environmental Instruments, Inc.
Trace Analytical
United Technical Corp.

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CARBOYS - see chemical handling equipment

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Tektronix, Inc.

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UIC, Inc.
United Technical Corp.
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CASSEROLES

Wilkins-Anderson Co.

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Sanda, Inc.
Spectra-Tech, Inc.
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absorption

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colorimeter

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conductivity - see also conductivity equipment

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Kernco Instruments Co., Inc.
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Rutherford Research

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4

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fluorescence

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TCS
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micro

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Spectrum Medical Industries,
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TCS
Varian Instrument Group
Wale Apparatus Co.
Wilma Glass Co., Inc.

NMR

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IBM Instruments, Inc.
J&S Scientific, Inc.
Kontes
Norell, Inc.
Polaron Instruments, Inc.
Varian Instrument Group
Wilma Glass Co., Inc.

optical

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Andonian Cryogenics, Inc.
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Esco Products
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The Foxboro Company
Foxboro Analabs
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J&S Scientific, Inc.
Janos Technology Inc.
Japan Spectroscopic Co., Ltd.
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Kollmorgen Corp.
Kontes
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LKB Instruments, Inc.
Orbeco Analytical Systems, Inc.
Oriel Corp.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
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Prolabo
Quaracell Products, Inc.
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Sarstedt, Inc.
Shimadzu Corp.
TCS
Tudor Scientific Glass Co.
VWR Scientific
Wilma Glass Co., Inc.

**photofluorometers - see
also fluorometers**

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Hellma Cells, Inc.
International Crystal Labs., Inc.
Perkin-Elmer Corp.
Sarstedt, Inc.
Sequoia-Turner Corp.
TCS
Technicon Industrial Systems
Wilma Glass Co., Inc.

photosensitive

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EG&G Inc., Electro-Optics Div.
Hamamatsu Corp.
Hewlett-Packard Co.
Kontes

quartz (for liquid samples)

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Chemtrix, Inc.
Esco Products
The Foxboro Company
Harrick Scientific Corp.
Hellma Cells, Inc.
International Crystal Labs., Inc.
J&S Scientific, Inc.
Janos Technology Inc.
Japan Spectroscopic Co., Ltd.
Jasco Inc.
Kontron AG
Kontron Instruments, Inc.
Lightpath Cells, Inc.
H. S. Martin, Inc.
Milton Roy Co., Analytical
Products Div.
Milton Roy Co., LDC Div.
Oriel Corp.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
Pharmacia, Inc.
Philips Export B.V.
Precision Cells, Inc. (NSG)
Pye Unicam Ltd.
Quaracell Products, Inc.
Rudolph Instruments, Inc.
Sargent-Welch Scientific Co.
Scientific Glass & Instruments,
Inc.
Shimadzu Corp.
Spectra-Tech, Inc.
TCS
Thomas Scientific
Tudor Scientific Glass Co.
Varian Instrument Group
Wale Apparatus Co.
Wilma Glass Co., Inc.

**refractometer - see also
refractometers**

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Chemtrix, Inc.
Fisher Scientific Co.
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Kernco Instruments Co., Inc.
Lachat Chemicals, Inc.
Milton Roy Co., Analytical
Products Div.
Milton Roy Co., LDC Div.
National Instrument Co., Inc.
Perkin-Elmer Corp.
Quaracell Products, Inc.
Schlueter Instruments Corp.

**spectrophotometer,
continuous flow**

ABI Analytical/Kratos Div.
Accuspec Instrumentation Corp.
Alpkem Corp.
Analabs
ARIES
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Altek Div.
Bio-Rad Laboratories
Buck Scientific, Inc.
F & J Scientific
FIATron Laboratory Systems
The Foxboro Company
Harrick Scientific Corp.
Helena Laboratories, Inc.
Hellma Cells, Inc.
IBM Instruments, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.

Japan Spectroscopic Co., Ltd.
Jasco Inc.
Kontron AG
LKB Instruments, Inc.
Nicolet Instrument Corp.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
Philips Export B.V.
Precision Cells, Inc. (NSG)
Prolabo
Pye Unicam Ltd.
Quaracell Products, Inc.
Sequoia-Turner Corp.
Shimadzu Corp.
Spectra-Tech, Inc.
TCS
Teledyne Analytical Instruments
Thomas Scientific
Varian Instrument Group
VWR Scientific
Wilma Glass Co., Inc.

**spectrophotometer, gas
analysis**

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F & J Scientific
The Foxboro Company
Harrick Scientific Corp.
Hellma Cells, Inc.
Horiba Instruments, Inc.
IBM Instruments, Inc.
Janos Technology Inc.
Japan Spectroscopic Co., Ltd.
Nicolet Instrument Corp.
Perkin-Elmer Corp.
Philips Export B.V.
Pye Unicam Ltd.
Shimadzu Corp.
Spectra-Tech, Inc.
VWR Scientific
Wilma Glass Co., Inc.

spectrophotometer, IR

Accuspec Instrumentation Corp.
Analabs
Andonian Cryogenics, Inc.
ARIES
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Bio-Rad Labs., Digilab Div.
Buck Scientific, Inc.
Chemtrix, Inc.
Dynamab Corp.
EG&G Gamma Scientific
Esco Products
F & J Scientific
The Foxboro Company
Harrick Scientific Corp.
Harshaw/Filtrol
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International Crystal Labs., Inc.
Itek Corp.
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Jasco Inc.
LaJolla Scientific Co., Inc.
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MTEC Photoacoustics, Inc.
Nicolet Instrument Corp.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
Philips Export B.V.
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Pye Unicam Ltd.
Quaracell Products, Inc.
Sargent-Welch Scientific Co.
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Shimadzu Scientific Instruments
Spectra-Tech, Inc.
Teledyne Analytical Instruments
Tudor Scientific Glass Co.
VWR Scientific
Wilma Glass Co., Inc.

spectrophotometer, UV

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Bio-Rad Laboratories
Buck Scientific, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Dynamab Corp.
EG&G Gamma Scientific
Esco Products

F & J Scientific
Harrick Scientific Corp.
Hellma Cells, Inc.
IBM Instruments, Inc.
International Crystal Labs., Inc.
Itek Corp.
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Janos Technology Inc.
Japan Spectroscopic Co., Ltd.
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Sigma Chemical Co.
TCS
Technicon Industrial Systems
Teledyne Analytical Instruments
Thomas Scientific
Tudor Scientific Glass Co.
Varian Instrument Group
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Wilma Glass Co., Inc.

spectrophotometer, UV gas

Accuspec Instrumentation Corp.
Analabs
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F & J Scientific
The Foxboro Company
Harrick Scientific Corp.
Hellma Cells, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.
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Precision Cells, Inc. (NSG)
Quaracell Products, Inc.
Teledyne Analytical Instruments
Tudor Scientific Glass Co.
VWR Scientific
Wilma Glass Co., Inc.

standard electrical

The Eppley Laboratory, Inc.
Janos Technology Inc.
Leeds & Northrup Instruments
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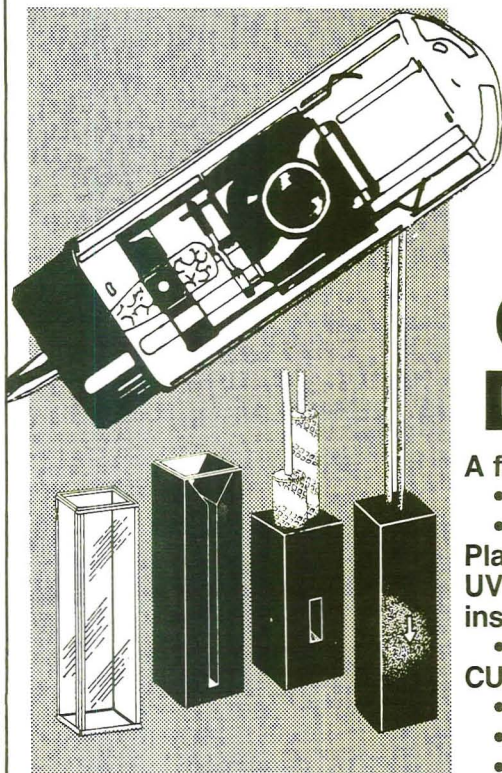
temperature**standardization**

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Leeds & Northrup Instruments
RMC-Cryosystems
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Yellow Springs Instrument Co.,
Inc.

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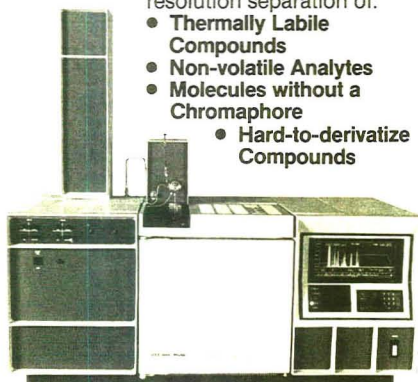
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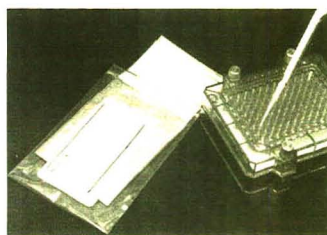
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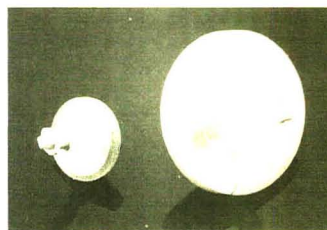
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Pharmacia, Inc.
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Quaracell Products, Inc.
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Shimadzu Corp.
Spectra-Tech, Inc.
Teledyne Analytical Instruments
Varian Instrument Group
VWR Scientific
Wilma Glass Co., Inc.

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Custom Scientific Instruments, Inc.
Gilson Co., Inc.
H-B Instrument Co.
Lab Glass, Inc.
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Orbeco Analytical Systems, Inc.
Quantachrome Corp.
Sanda, Inc.

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Norton Co. (Mass.)
Norton Performance Plastics
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Thomas Scientific
Union Carbide Corp.
Union Carbide Corp., Carbon Products Div.

CENTRIFUGES & ACCESSORIES

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Pennwalt Corp., Sharples-Stokes Div.

floor model to 10,000 rpm

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American Scientific Products
Baird Corp.
Beckman Instruments, Inc.
Bico, Inc.
E. I. duPont de Nemours & Co., Inc.

E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.

International Equipment Co.
Kontron AG
New Brunswick Scientific Co., Inc.

Pennwalt Corp., Sharples-Stokes Div.
Prolabo

floor model, high speed, refrigerated, speeds below 40,000 rpm

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International Equipment Co.
Kontron AG

New Brunswick Scientific Co., Inc.
Pennwalt Corp., Sharples-Stokes Div.
Prolabo
VWR Scientific

micro

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Prolabo
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table top

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Precision Scientific, Inc.
Prolabo
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Zymark Corp.

ultracentrifuges, analytical, with optical systems

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Beckman Instruments, Inc.
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VWR Scientific

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MFE Instruments Corp.
Packard Instrument Co., Inc.
Rustrak Instruments
Soltec Corp.
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Instruments For Research & Industry
Sargent-Welch Scientific Co.

CHARTS, recording

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Alltech Associates/Applied Science
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AMF Laboratory Products
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4

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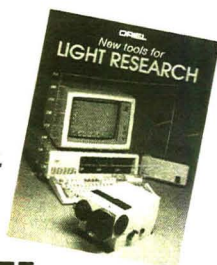
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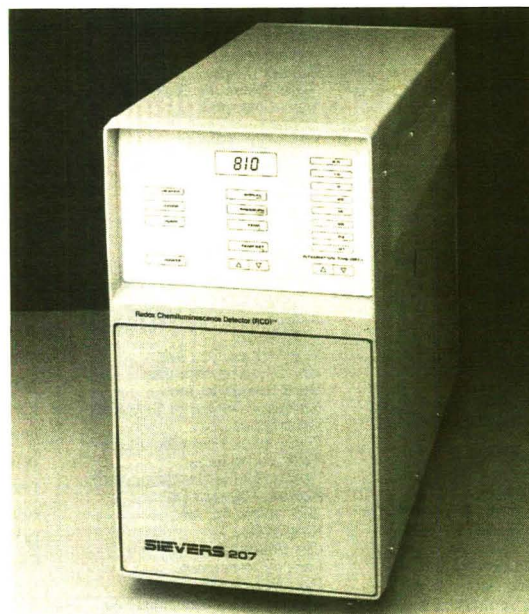


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Wheaton Scientific
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CHROMATOGRAPHY, GAS

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CHEMICALS, adsorbents

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chromatographs, gas, argon ionization detecting

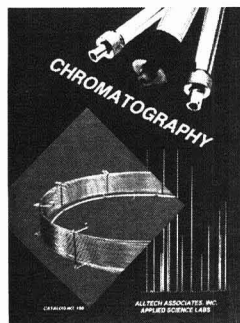
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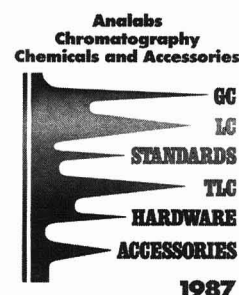


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chromatographs, gas, micro cross section detecting

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chromatographs, gas, other detectors

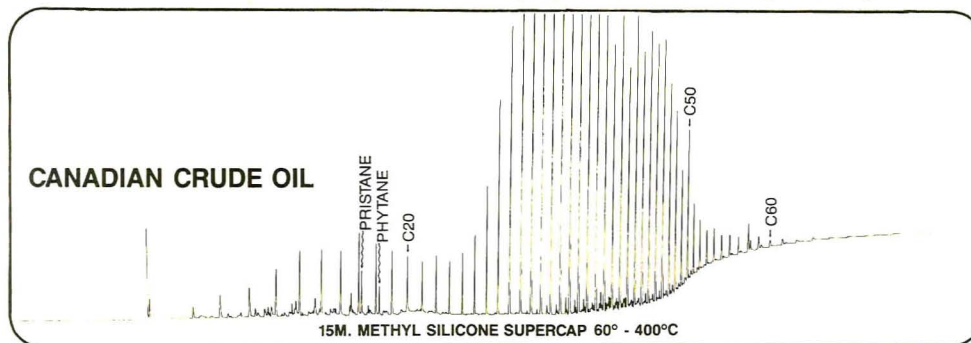
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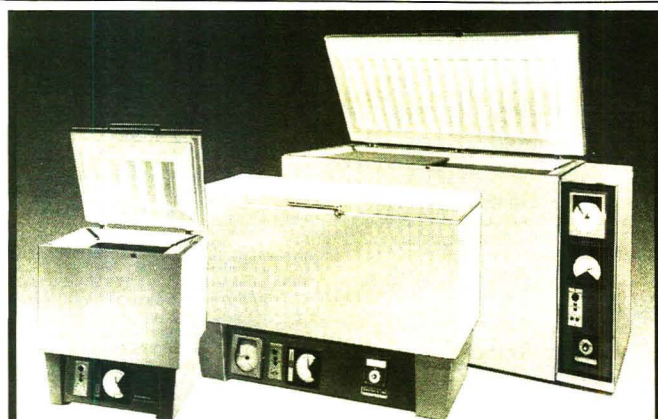
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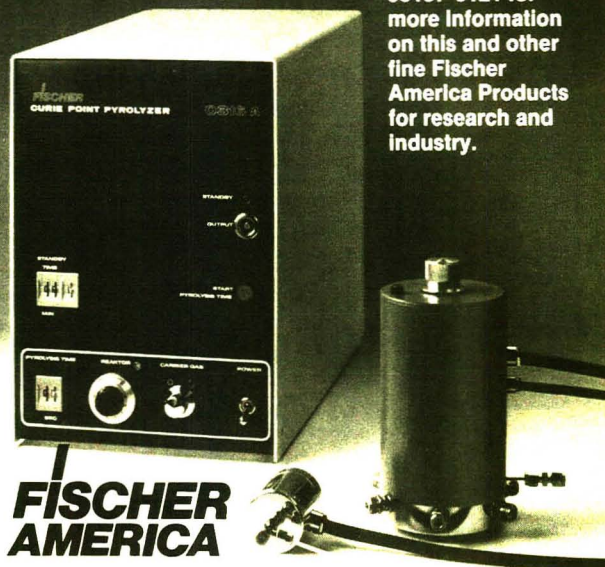
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chromatographs, gas, preparative type

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Shimadzu Scientific Instruments, Inc.
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Finnigan MAT
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columns

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infrared analyzers for chromatographs

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Nicolet Instrument Corp.
Perkin-Elmer Corp.
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Shimadzu Corp.
Spectra-Tech, Inc.

infrared spectrometers, complete system

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Waters Chromatography

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integrators for strip-chart recorders

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pyrolysis apparatus (for sampling)

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Shimadzu Scientific Instruments
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Varian Instrument Group

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Wilma Glass Co., Inc.

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Universal Scientific, Inc.
Valco Instruments Co., Inc.
Varian Instrument Group
VICI Metronics, Inc., Condyne Div.
Wilma Glass Co., Inc.

supports, solid

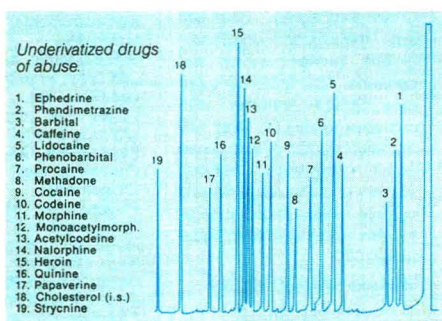
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syringes for gas sample introduction - see syringes

temperature, programmers - see also programmers, temperature

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"Before the Carlo Erba MEGA, capillary GCs couldn't reach their peak."



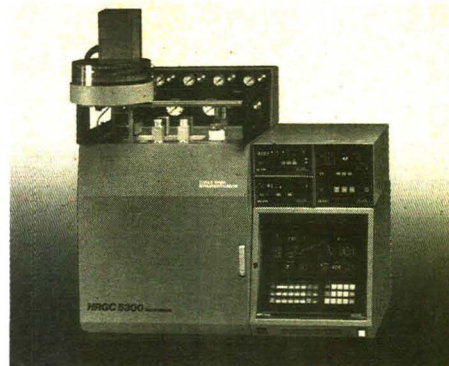
Either they suffered from thermal peak splitting, or their ability to quantify high molecular weight components was limited.

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Chrompack International B.V.
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Fluorocarbon Co.
Foxboro Analabs
Hamilton Co.
Hewlett-Packard Co.
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J & W Scientific, Inc.
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Northern Technical & Chemical Services
Norton Co. (Mass.)
Norton Performance Plastics
Packard Instrument Co., Inc.
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Parker-Hannifin Corp., Instrumentation Connectors Div.
Parker-Hannifin Corp., Tube Fittings Div.
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Phase Separations, Inc.
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QuadRex Corp.
Serfilco, Ltd.
Shimadzu Scientific Instruments, Inc.
Supelco, Inc.
Ultra-Scientific
Unimetrics Corp.
Universal Scientific, Inc.
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valves - see also valves

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Automatic Switch Co.
Big Three Industries
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Gilmont Instruments, Inc.
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Hamilton Co.
Hewlett-Packard Co.
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J & W Scientific, Inc.
Kloehn Co., Inc.
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Matheson Gas Products
Northern Technical & Chemical Services
Norton Co. (Mass.)
Norton Performance Plastics
Phase Separations, Inc.
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QuadRex Corp.
Serfilco, Ltd.
Shimadzu Corp.
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Supelco, Inc.
Unimetrics Corp.
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Valcor Engineering Corp.
Varian Instrument Group
Veriflo Corp.
VICI Metronics, Inc., Condyle Div.

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CHROMATOGRAPHY, gel permeation

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Chrompack International B.V.
EM Science
Hewlett-Packard Co.
J&S Scientific, Inc.
LKB Instruments, Inc.
LKB Produkter AB
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Pye Unicam Ltd.
Shimadzu Scientific Instruments
Showa Denko America, Inc.
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Varian Instrument Group
Waters Chromatography
Wyatt Technology Corp.
YMC, Inc.

CHROMATOGRAPHY, Ion

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Tegal Scientific, Inc.
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Wescan Instruments, Inc.

CHROMATOGRAPHY, LIQUID

cells, flow through

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Buck Scientific, Inc.
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E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
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EM Science
ESA, Inc.
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Gow-Mac Instrument Co.
Hellma Cells, Inc.
HPLC Technology, Ltd.
IBM Instruments, Inc.
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Koslow Scientific Co.
LaJolla Scientific Co., Inc.
Lightpath Cells, Inc.
Linear Instruments Corp.
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Packard Instrument Co., Inc.
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Pharmacia, Inc.
Phenomenex
Philips Export B.V.
Precision Cells, Inc. (NSG)
Pye Unicam Ltd.

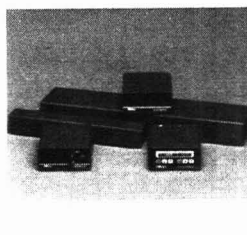


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Benson Polymeric
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Foxboro Analabs
Handy & Harman Tube Co.
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chromatographs, liquid column, completely automated systems

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Nicolet Instrument Corp.
Perkin-Elmer Corp.
Pharmacia, Inc.
Phenomenex

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Separations Technology
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Shimadzu Scientific Instruments
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Spectra-Physics, Autolab Div.
Tegator, Inc.
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chromatographs, liquid column recycling

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column temperature controllers

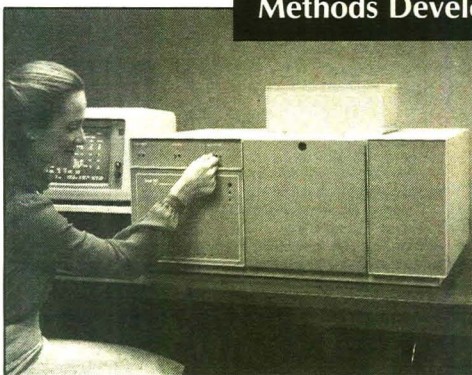
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columns, LC

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Methods Development

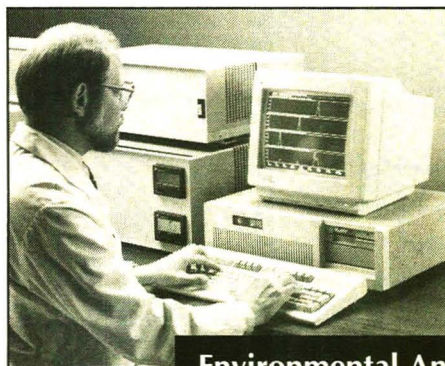


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Labs., Inc.
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Scientific Systems, Inc.
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Separations Technology
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Spectrum Medical Industries,
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Spectrum Scientific
Supelco, Inc.
Suprex Corp.
SynChrom, Inc.
Tegal Scientific, Inc.
Tracor Instruments
Unimetrics Corp.
Universal Scientific, Inc.
Upchurch Scientific
Varian Instrument Group
VWR Scientific
Waters Chromatography
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Whatman Inc.
YMC, Inc.

detectors, electrochemical
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Brinkmann Instruments, Inc.
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Chrompack International B.V.
Dionex Corp.
EG&G Princeton Applied
Research
EM Science
ESA, Inc.
IBM Instruments, Inc.
LKB Produkter AB
Milton Roy Co., LDC Div.
National Draeger, Inc.
Phenomenex
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Rainin Instrument Co., Inc.

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Sensorex
Shimadzu Scientific Instruments
Showa Denko America, Inc.
Tegal Scientific, Inc.
Universal Scientific, Inc.
Waters Chromatography
Wescan Instruments, Inc.

**detectors, dielectric
constant**
Hipotronics, Inc.

detectors, fluorescence
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Altex Div.
Beckman Instruments, Inc.
BHK, Inc.
Dionex Corp.
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Gilson Medical Electronics, Inc.
Hewlett-Packard Co.
IBM Instruments, Inc.
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Perkin-Elmer Corp.
Philips Export B.V.
Pye Unicam Ltd.
Rainin Instrument Co., Inc.
The Second Source
Sequoia-Turner Corp.
Shimadzu Scientific Instruments
Showa Denko America, Inc.
SpectroVision, Inc.
Sunshine Technology Corp
TCS
Tracor Instruments
Varian Instrument Group
Waters Chromatography

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Perkin-Elmer Corp.
Phenomenex
Spectra-Physics, Autolab Div.
Waters Chromatography

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Instrumentation Technology
International
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Kernco Instruments Co., Inc.
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LKB Produkter AB
Micromeritics Instrument Corp.
Milton Roy Co., LDC Div.
Perkin-Elmer Corp.
Phenomenex
Pye Unicam Ltd.
Rainin Instrument Co., Inc.
Shimadzu Scientific Instruments
Showa Denko America, Inc.
Spectra-Physics, Autolab Div.

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Tracor Instruments
Universal Scientific, Inc.
Varian Instrument Group
Waters Chromatography
YMC, Inc.

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Beckman Instruments, Inc.
BHK, Inc.
Bioanalytical Systems, Inc.
Bio-Rad Laboratories
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Chemical Research Supplies
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International
ISCO
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Jasco Inc.
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Linear Instruments Corp.
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Tegal Scientific, Inc.
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**detectors, variable
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eluate concentrators
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**fraction collectors - see fraction
collectors**

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ion exchange resins - see CHEMICALS, ion exchange resins

liquid chromatograph, high pressure

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liquid chromatograph, preparative

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mass spectrometry, interfaces

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Finnigan MAT
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tubes

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CHROMATOGRAPHY, MICROPARTICULATE BED

adsorbents

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CHROMATOGRAPHY, PAPER

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chromatographs, paper, continuous flow, curtain type

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scanners, photoelectric

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scanners, ultraviolet fluorescence

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Answers.

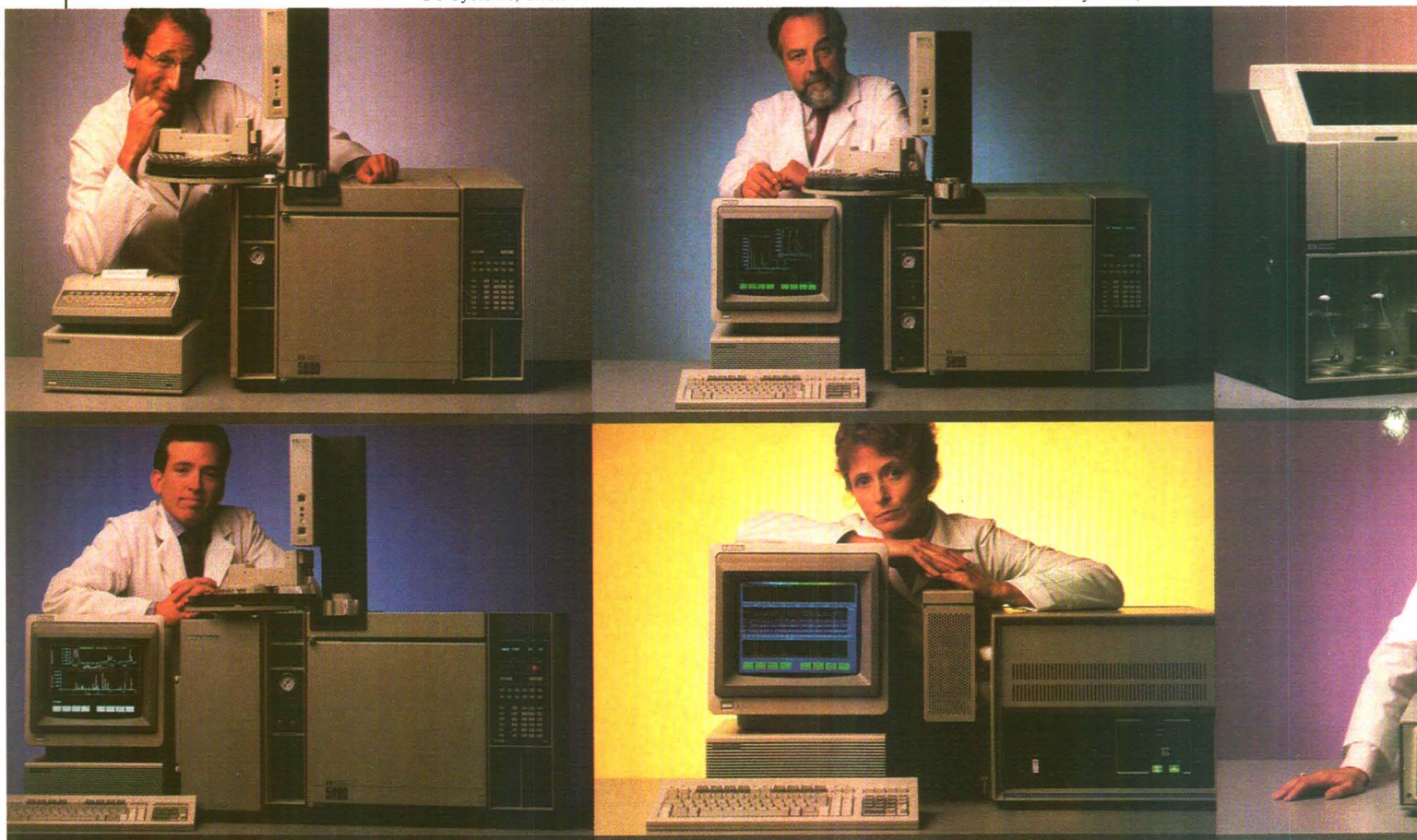
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GC Systems, Circle 77

GC ChemStation Systems, Circle 78



FTIR detectors for GC, Circle 79

Bench-top GC/MS systems, Circle 80

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Our automated chemistry systems include robotics, automatic injection, and automatic sample preparation. And our

HP ChemStations—available for GC, LC, UV/VIS, GC/MS, LC/MS or GC/FTIR/MS—give you powerful data evaluation and manipulation capabilities. As well as complete system control from one keyboard.

Hewlett-Packard is the only major computer manufacturer that is also a major manufacturer of analytical instrumenta-

everyone.

LC systems, Circle 81

LC Chemstation systems, Circle 82



Fluorescence detector for LC, Circle 83

Diode-array detector for LC, Circle 84

tion. So you get the best of both worlds.

You also get HP quality, reliability, and worldwide support. Including comprehensive applications assistance.

For more information on any of our products, please circle the appropriate reader service numbers.

Or write to us in the U.S. at

1820 Embarcadero Road, Palo Alto, CA 94303. In Europe, write to Central Mailing Department, P.O. Box 529, 1180 Am Amstelveen, The Netherlands. Elsewhere, write Intercontinental, 3495 Deer Creek Road, Palo Alto, CA 94303.

Not Pictured:

LIMS, Circle 70
UV/VIS diode-array spectrophotometers, Circle 71
Large-scale GC/MS systems, Circle 72
Chromatography columns and supplies, Circle 73
AminoQuant amino acid analyzer, Circle 74
GC/IRD/MSD, Circle 75
Microassay System, Circle 76

AGO4704



**HEWLETT
PACKARD**

CHROMATOGRAPHY, plasma

Analytic Parameters
PCP, Inc.

CHROMATOGRAPHY, process control

Analytical Instrument Development, Inc.
Applied Automation, Inc.
Bailey Controls Co.
Baseline Industries, Inc.
Bio-Rad Laboratories
Chrompack International B.V.
Eldex Laboratories, Inc.
Carlo Erba Strumentazione S.p.A.
The Foxboro Company
J&S Scientific, Inc.
LC Services Corp.
Pharmacia, Inc.
Pye Unicam Ltd.
Separations Technology
Showa Denko America, Inc.
Tracor Atlas, Inc.
Universal Scientific, Inc.

CHROMATOGRAPHY, radio
- see also radiation equipment

Biomedical Enterprises, Inc.
Bioscan, Inc.
Nuclear Equipment Chemical Corp.
Nuclear Sources & Services, Inc.
Packard Instrument Co., Inc.
Tegal Scientific, Inc.
Toyo Kagaku Sangyo Co. Ltd.

CHROMATOGRAPHY, supercritical fluid

Analytic Parameters
The Anspec Co., Inc.
Applied Biosystems, Inc.
Brownlee Labs
Carlo Erba Strumentazione S.p.A.
ISCO
Lee Scientific
Suprex Corp.

CHROMATOGRAPHY, supercritical fluid accessories

American Lewa, Inc.
Brownlee Labs
Hellma Cells, Inc.
Lee Scientific
Suprex Corp.
Valco Instruments Co., Inc.
Xydx Corp.

CHROMATOGRAPHY, thick layer

Analabs
Analtech, Inc.
Camag
EM Science
Universal Scientific, Inc.
Whatman Inc.

CHROMATOGRAPHY, THIN LAYER

adsorbents, cellulose
Aldrich Chemical Co., Inc.
Analabs
Analtech, Inc.
The Anspec Co., Inc.
J. T. Baker Chemical Co.
Bio-Rad Laboratories
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
Crescent Chemical Co., Inc.
EM Science
Fluka Chemical Corp.
Foxboro Analabs
ICN Biomedicals
Pierce Chemical Co.
Sigma Chemical Co.
Toyo Kagaku Sangyo Co. Ltd.
Union Carbide Corp.
United States Biochemical Corp.
Universal Scientific, Inc.
Whatman Inc.

adsorbents, silica

Alltech Associates/Applied Science
Analabs
Analtech, Inc.
Analytic Parameters
The Anspec Co., Inc.
J. T. Baker Chemical Co.
Bio-Rad Laboratories
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
Foxboro Analabs
W. R. Grace & Co.
ICN Biomedicals
LabClear
Pierce Chemical Co.
Prolabo
Reade Metals & Minerals Corp.
Schwarz/Mann
Sigma Chemical Co.
Toyo Kagaku Sangyo Co. Ltd.
Union Carbide Corp.
Universal Scientific, Inc.
Whatman Inc.

adsorbents, other

Analabs
Analtech, Inc.
Analytic Parameters
The Anspec Co., Inc.
J. T. Baker Chemical Co.
Barnebey-Cheney
The Boc Group, Inc.
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
Crescent Chemical Co., Inc.
EM Science
Fluoridin Co.
Fluka Chemical Corp.
Foxboro Analabs
W. R. Grace & Co.
ICN Biomedicals
LabClear
Pierce Chemical Co.
Schwarz/Mann
Sigma Chemical Co.
Universal Scientific, Inc.
Whatman Inc.

chromatographs, thin layer

Analtech, Inc.
Analytic Parameters
The Anspec Co., Inc.
Biomedical Enterprises, Inc.
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
EM Science
ICN Biomedicals
Lachat Chemicals, Inc.
Nuclear Equipment Chemical Corp.
Regis Chemical
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

chromatographs, thin layer, continuous flow

Analytic Parameters
Camag
Lachat Chemicals, Inc.
Regis Chemical
Toyo Kagaku Sangyo Co. Ltd.

chromatographs, thin layer, preparative

Analtech, Inc.
Analytic Parameters
The Anspec Co., Inc.
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
EM Science
Fluka Chemical Corp.
ICN Biomedicals
Kontes
Regis Chemical
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

chromatography, thin layer, adsorbents

Analabs
Analtech, Inc.
Analytic Parameters

The Anspec Co., Inc.
J. T. Baker Chemical Co.
Brinkmann Instruments, Inc.
Camag
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
Fluoridin Co.
Fluka Chemical Corp.
Foxboro Analabs
W. R. Grace & Co.
ICN Biomedicals
Schwarz/Mann
Sigma Chemical Co.
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

chromatography, thin layer, layer applicators

Alltech Associates/Applied Science
Analabs
Analytic Parameters
Analytical Instruments
Specialties, Inc.
The Anspec Co., Inc.
Camag
Chemtrix, Inc.
EM Science
Foxboro Analabs
Kloehn Co., Inc.
Kontes
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

chromatography, thin layer, automatic

Analytic Parameters
Analytical Instruments
Specialties, Inc.
J. T. Baker Chemical Co.
Biomedical Enterprises, Inc.
Camag
ICN Biomedicals
Lachat Chemicals, Inc.
Regis Chemical
Whatman Inc.

chromatography, thin layer, densitometers

Analytic Parameters
Camag
E-G Apparatus Corp.
Farrand Optical Co., Inc.
Lachat Chemicals, Inc.
Shimadzu Scientific Instruments, Inc.
Toyo Kagaku Sangyo Co. Ltd.

chromatography, thin layer, fluorescence

Analabs
Analtech, Inc.
Analytic Parameters
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
EM Science
Farrand Optical Co., Inc.
Fluka Chemical Corp.
McPherson
Shimadzu Scientific Instruments, Inc.
Spectronics Corp.
Toyo Kagaku Sangyo Co. Ltd.
UVP, Inc.
Whatman Inc.

developing apparatus

Analabs
Analtech, Inc.
Analytic Parameters
The Anspec Co., Inc.
Boekel Industries, Inc.
Camag
Chemtrix, Inc.
EM Science
Foxboro Analabs
ICN Biomedicals
Interex Corp.
Kontes
Lachat Chemicals, Inc.
Pierce Chemical Co.
Regis Chemical
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

ion exchange resins - see CHEMICALS, ion exchange resins

plate scanners, radioisotope

Biomedical Enterprises, Inc.
Bioscan, Inc.

Nuclear Equipment Chemical Corp.
Radiomatic Instruments & Chemical Co., Inc.
Tegal Scientific, Inc.
Toyo Kagaku Sangyo Co. Ltd.

plates, glass

Alltech Associates/Applied Science
Analabs
Analtech, Inc.
The Anspec Co., Inc.
Camag
Chemtrix, Inc.
Corning Glass Works
Crescent Chemical Co., Inc.
Dell Optics Co., Inc.
EM Science
Fish-Schurman Corp.
Foxboro Analabs
J&S Scientific, Inc.
Oriol Corp.
Thomas Scientific
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Wale Apparatus Co.
Whatman Inc.

plates, glass, prepared

Aldrich Chemical Co., Inc.
Alltech Associates/Applied Science
Analabs
Analtech, Inc.
The Anspec Co., Inc.
J. T. Baker Chemical Co.
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
Crescent Chemical Co., Inc.
EM Science
Fluka Chemical Corp.
Foxboro Analabs
Pierce Chemical Co.
Schwarz/Mann
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

scrapers, zonal

Analabs
Analtech, Inc.
The Anspec Co., Inc.
Camag
Chemtrix, Inc.
EM Science
Foxboro Analabs
Kontes
Toyo Kagaku Sangyo Co. Ltd.
Whatman Inc.

sheets, flexible prepared

Analabs
J. T. Baker Chemical Co.
Brinkmann Instruments, Inc.
Camag
Chemtrix, Inc.
EM Science
Fluka Chemical Corp.
Foxboro Analabs
Pierce Chemical Co.
Schleicher & Schuell, Inc.
Schwarz/Mann
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

spray boxes

Alltech Associates/Applied Science
Analabs
Analtech, Inc.
The Anspec Co., Inc.
Bel-Art Products
Camag
Chemtrix, Inc.
EM Science
Foxboro Analabs
Interex Corp.
Toyo Kagaku Sangyo Co. Ltd.
Universal Scientific, Inc.
Whatman Inc.

streakers, sample applicators

Alltech Associates/Applied Science
Analabs
Analtech, Inc.
Analytic Parameters
Analytical Instruments
Specialties, Inc.
The Anspec Co., Inc.

Camag
Drummond Scientific Co.
EM Science
Foxboro Analabs
ICN Biomedicals
Toyo Kagaku Sangyo Co. Ltd.
Unimetrics Corp.
Universal Scientific, Inc.
Whatman Inc.

CHROMOMETER - see petroleum testing equipment

CHRONOGRAPHS - see timers

CIRCUIT TESTERS - see testers

CLAMP AND ROD SYSTEMS (FOR GLASSWARE)

American Scientific Products
Bel-Art Products
Fisher Scientific Co.
Gallenkamp
Kontes
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Prolabo
Sargent-Welch Scientific Co.
Scientific Glass & Instruments, Inc.
Thomas Scientific
Troemner, Inc.
VWR Scientific

CLAMPS

Ace Glass, Inc.
American Scientific Products
Bel-Art Products
Dynalab Corp.
Ealing Electro Optics, Inc.
Fisher Scientific Co.
Gallenkamp
Hengar Co. Div.
Kontes
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Laboratory Supplies Co., Inc.
Nalge Co.
Parker-Hannifin Corp., Hose Products Div.
Parker-Hannifin Corp., Parflex Div.
Parker-Hannifin Corp., Tube Fittings Div.
Prolabo
Sargent-Welch Scientific Co.
Thomas Scientific
Troemner, Inc.
VWR Scientific
Wale Apparatus Co.
Wheaton Scientific

CLASSIFIERS

Majac
Pulverizing Machinery
Sepor, Inc.

CLEAN ROOMS AND FURNITURE

Ajusto Equipment Co.
American Air Filter
Controlled Environment Equipment Corp.
EACI/Enviro
HEMCO Corp.
InterMetro Industries Corp.
Liberty Industries, Inc.
Scientific Systems Corp.
Solder Absorbing Technology, Inc.
Vista Scientific Corp.
Wale Apparatus Co.

CLEANING COMPOUNDS, labware

Alconox, Inc.
American Scientific Products
AMSCO/American Sterilizer Co.
Anderson Laboratories, Inc.
Atomergic Chemetals Corp.
J. T. Baker Chemical Co.
Bio-Rad Laboratories
Cole-Parmer Instrument Co.
Coy Laboratory Products
EM Science
Fisher Scientific Co.
General Drug & Chemical Corp.
Heat Systems-Ultrasonics, Inc.
Interex Corp.
International Products Corp.

How To Choose The Right Low Pressure LC System Even If It Isn't Ours

To simplify choosing the right peristaltic pump, detector and fraction collector for your LC System, review these guidelines and send for our free Low Pressure System Selection Worksheet:

1 Identify your separation goals.

Know the characteristics of your sample. What mass will you load on your column? What flow rate will you need to achieve optimal speed and resolution? At which wavelengths does your sample exhibit maximum absorbance? What size fractions will you collect? Are you interested in collecting peaks?

2 Examine the components' specs.

After you've identified the key operating parameters, take a look at the pump, detector and fraction collector specifications to be sure they meet your needs. To illustrate, let's look at specifications for components in the Gilson Low Pressure System.

The most important criteria used to select a peristaltic pump are smooth, stable flow and usable flow rate range. The Gilson system uses the new Minipuls 3 Pump. Stepper-motor drive and proven pump head design ensure smooth flow from 1 μ l to 50 ml/min. A high flow head allows flow rates from 50 ml to 220 ml/min. Interchangeable pump heads with 1-, 2-, 4-, or 8 channels are available.

Wavelength specificity and ease-of-use are key considerations when choosing a detector. The Gilson 112 UV/VIS fixed-wavelength detector allows selection of wavelengths from 214 nm to 640 nm. A choice of five flow cells accommodates a wide range of flow rates and sample concentrations. A large digital readout and convenient autozero and event mark functions keep detector operation easy.

Select a fraction collector according to your collection mode, fraction volume, and multiple column collection needs.

Gilson's FC 203 fraction collector allows drop, time, or peak collection modes with up to ten collection windows in each mode. The widest range of racks available—capable of handling as many as 128 fractions—makes the FC 203 suitable for almost any application.

3 Check for compatibility of components with each other and with your future needs.

At this point, you've identified components to meet basic needs, but also look at the components as a system. Were they designed to work together? Or will you need to buy complicated adapters and special plumbing? Working with a single supplier avoids the service and support problems often associated with a system assembled piece-by-piece.

You should also assess your future needs. An LC system may work fine for your current application. But will you need to change detection wavelengths or collection volumes later? Is an upgrade to HPLC a possibility? If so, consider modular equipment that adapts to your changing needs easily and inexpensively.



4 Look at each supplier's record of reliability, service and support.

After identifying suitable components, you narrow your choice by looking at each supplier's track record for reliable equipment and efficient service.

To evaluate the Gilson Low Pressure System, consider our reputation for fraction collectors and detectors. Gilson has a proven track record that began more than 35 years ago. More than 1000 FC 203s—introduced just 16 months ago—continue to display dependable, trouble-free operation.

The Minipuls 2, the reliable predecessor to our new Minipuls 3, has earned spaces on more than 24,000 lab benches worldwide, making it the best-selling peristaltic pump.

5 Use our free Low Pressure LC System Selection Worksheet to gather and compare your options.

For the final step in choosing your system, compare the information you've gathered. To help, we've put together a selection worksheet to simplify the process.

This free worksheet lists major criteria to use in your comparisons. We've filled in information about the Gilson Low Pressure System and have left space for you to fill in specs from other suppliers.

Why do we encourage this comparison? Because it's the best way to buy a system matched to your needs. Plus, we're confident that in most cases your low pressure system will be a Gilson Low Pressure System.

So, for your free Low Pressure System Selection Worksheet, simply circle the magazine's reader service number or call us toll free at 800-445-7667. We'll see that you get your worksheet fast.

GILSON

Gilson Medical Electronics, Inc., Box 27, 3000 W. Beltline Hwy., Middleton, WI 53562 USA, Tel: (608) 836-1551 Telex: 26-5478
Gilson Medical Electronics (France) S.A., 72 rue Gambetta, B.P. No. 45,95400, Villiers-le-Bel, France, Tel: (1) 39.90.54.41 Telex: 696682

Circle 164 for free worksheet

Circle 165 for product literature

Isolab, Inc.
 Manostat Corp.
 New England Nuclear
 Pierce Chemical Co.
 Polysciences, Inc.
 Sonitor Instrument Corp.
 Spectrum Medical Industries, Inc.
 Sunshine Technology Corp
 Tegal Scientific, Inc.
 Thomas Scientific
 VWR Scientific
 Wale Apparatus Co.

CLEANING EQUIPMENT -
*see also ultrasonic
 cleaning equipment and
 mercury cleaning
 equipment*

AMSCO/American Sterilizer Co.
 Bel-Art Products
 Blackstone Ultrasonics, Inc.
 Branson Ultrasonics Corp.
 Chemtrix, Inc.
 Cole-Parmer Instrument Co.
 Consolidated Equipment Supply Corp.
 Controlled Environment Equipment Corp.
 Forma Scientific
 Harrick Scientific Corp.
 Heat Systems-Ultrasonics, Inc.
 Interlab, Inc.
 Kontes
 L & R Manufacturing Co.
 3M Co., Static Control Systems
 Oriol Corp.
 Phenomenex
 Polysciences, Inc.
 Precision Systems, Inc.
 Procede Corp.
 Serfilco, Ltd.
 Simco Co., Inc.
 Sonitor Instrument Corp.
 Sunshine Technology Corp
 Tegal Scientific, Inc.
 Tekmar Co.
 Tonkaflo Pumps Div.
 Wale Apparatus Co.
 Westinghouse Electric Corp., Industrial Equipment Div.
 Yamato USA, Inc.

CLINICAL ANALYZERS

Beckman Instruments, Inc.
 Bioanalytical Systems, Inc.
 Bio-Rad Laboratories
 Boehringer Mannheim Diagnostics, Inc.
 Clay Adams
 Coulter Electronics, Inc.
 E. I. duPont de Nemours & Co., Inc.
 E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
 Electro-Nucleonics, Inc.
 EM Science
 Carlo Erba Strumentazione S.p.A.
 ESA, Inc.
 Fisher Scientific Co.
 Gilford, Ciba-Corning
 Haake Buchler Instruments, Inc.
 Horiba Instruments, Inc.
 Jasco Inc.
 Kernco Instruments Co., Inc.
 Labsystems, Inc.
 Lachat Chemicals, Inc.
 Milton Roy Co., Analytical Products Div.
 Nova Biomedical
 Nuclide Corp.
 Nuclide Corp., AGV Div.
 Olympus Corp.
 Orbeco Analytical Systems, Inc.
 Orbisphere Laboratories
 Orion Research Inc.
 Packard Instrument Co., Inc.
 Particle Data, Inc.
 Precision Systems, Inc.
 Radiometer America, Inc.
 Seragen Diagnostics, Inc.
 Shimadzu Corp.
 TCS
 Technicon Industrial Systems
 Waters Chromatography

CLOTHING, laboratory

American Scientific Products
 Bel-Art Products
 Cole-Parmer Instrument Co.
 Dynalab Corp.
 Edmont
 General Scientific Equipment Co.
 Interex Corp.
 Mine Safety Appliances Co.
 Simco Co., Inc.
 Thomas Scientific
 Wale Apparatus Co.

**CLOTHING, laboratory,
 disposable**

American Scientific Products
 Bel-Art Products
 Cole-Parmer Instrument Co.
 Dynalab Corp.
 Edmont
 General Scientific Equipment Co.
 Interex Corp.
 Mine Safety Appliances Co.
 Nuclear Equipment Chemical Corp.
 Polysciences, Inc.
 Thomas Scientific
 Wale Apparatus Co.

**CLOUD AND POUR POINT
 APPARATUS - see petroleum
 testing equipment**

**CLOUD CHAMBERS - see
 radiation equipment**

**COAL AND COAL BY-
 PRODUCT TESTING
 APPARATUS AND
 ACCESSORIES**

ANACON
 Antek Instruments, Inc.
 Bico, Inc.
 Boekel Industries, Inc.
 Chemical Data Systems
 Control Equipment Corp.
 Core Laboratories
 Dohrmann
 E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
 Fisher Scientific Co.
 Harrick Scientific Corp.
 Leco Corp.
 Parr Instrument Co.
 Preiser Scientific, Inc.
 Preiser Scientific, Inc. (WV)
 Quantachrome Corp.
 Scientific Glass & Instruments, Inc.
 Sepor, Inc.
 Tecator, Inc.
 Texas Nuclear
 Tracor Atlas, Inc.

COLD PLATES

Cole-Parmer Instrument Co.
 Eberbach Corp.
 FTS Systems, Inc.
 Midland Ross
 Sortek, Inc.
 Thermoelectrics Unlimited, Inc.

**COLLECTORS - see samplers
 and fraction collectors**

**COLLIMATORS, automatic
 electrical**

Rank Precision Industries, Inc.

COLLIMATORS, optical

ABI Analytical/Kraton Div.
 Coherent, Inc.
 Ealing Electro Optics, Inc.
 Gaertner Scientific Corp.
 Karl Heitz, Inc.
 Japan Spectroscopic Co., Ltd.
 Kollmorgen Corp.
 Lambda/Ten Optics
 Nikon, Inc.
 Oriol Corp.
 Perkin-Elmer Corp.
 Rank Precision Industries, Inc.
 Rudolph Instruments, Inc.

Spectra-Physics, Laser Products Div.

**COLOR ANALYZERS AND
 ACCESSORIES**

ANACON
 ARIES
 Buck Scientific, Inc.
 Cole-Parmer Instrument Co.
 E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
 EG&G Gamma Scientific
 Hunter Associates Laboratory, Inc.
 IBM Instruments, Inc.
 Kimble Div.
 Koehler Instrument Co., Inc.
 Lachat Chemicals, Inc.
 Micro Coatings
 Milton Roy Co.
 Milton Roy Co., Analytical Products Div.
 Orbeco Analytical Systems, Inc.
 Pacific Scientific
 Photovolt
 Pye Unicam Ltd.
 TCS
 Technicon Industrial Systems
 Teledyne Analytical Instruments
 Wheaton Scientific

**COLORIMETERS - see
 petroleum testing equipment;
 spectrometers, visible light**

**COLUMNS - see
 chromatography, column**

**COMBUSTION
 EQUIPMENT AND
 ACCESSORIES**

absorption bulbs

Ace Glass, Inc.
 Barnebey-Cheney
 Galbraith Laboratories, Inc.
 Kimble Div.
 Lab Glass, Inc.
 Prolabo
 Scientific Glass & Instruments, Inc.
 Thomas Scientific

boats

Alfa Products
 Bico, Inc.
 Control Equipment Corp.
 Coulometrics, Inc.
 Engelhard Corp.
 Fisher Scientific Co.
 Galbraith Laboratories, Inc.
 Leco Corp.
 Norton Co. (Mass.)
 Polaron Instruments, Inc.
 Theoretical American Fused Quartz Co.
 Thomas Scientific
 Union Carbide Corp.
 Union Carbide Corp., Carbon Products Div.

carbon analyzers

Astro International Corp.
 Chemical Data Systems
 Control Equipment Corp.
 Coulometrics, Inc.
 Delsi Inc.
 DEVCO Engineering, Inc.
 Dohrmann
 Carlo Erba Strumentazione S.p.A.
 Haake Buchler Instruments, Inc.
 Ionics, Inc.
 Leco Corp.
 Measurement Controls Corp.
 Mine Safety Appliances Co.
 O. I. Corporation
 Perkin-Elmer Corp.
 Research, Inc.
 Shimadzu Corp.
 Thermo Environmental Instruments, Inc.
 UIC, Inc.

furnaces - see also furnaces

Astro Div., Thermal Technology, Inc.
 Bico, Inc.
 Blue M
 Burrell Corp.
 Cambridge Instrument Co., Inc.

Centorr Associates, Inc.
 CM Furnaces, Inc.
 Coulometrics, Inc.
 Custom Scientific Instruments, Inc.
 Delsi Inc.
 Fisher Scientific Co.
 Gallenkamp
 Harrop Industries, Inc.
 R. J. Harvey Instrument Corp.
 Lab-Line Instruments, Inc.
 Leco Corp.
 Lepel High Frequency Labs., Inc.
 LINDBERG
 Lucifer Furnaces, Inc.
 The Mellen Co., Inc.
 Nuclide Corp.
 Nuclide Corp., AGV Div.
 Preiser Scientific, Inc.
 Preiser Scientific, Inc. (WV)
 Procede Corp.
 Prolabo
 Shimadzu Corp.
 Stanton Redcroft
 Teco Manufacturing Co.
 Thermolyne Corp.
 Wilkens-Anderson Co.
 Wyssmont Co., Inc.

gas analyzers

ANACON
 Analytical Instrument Development, Inc.
 Andersen Samplers, Inc.
 Antek Instruments, Inc.
 Applied Automation, Inc.
 Astro International Corp.
 Bacharach, Inc.
 Badger Meter, Inc.
 Bailey Controls Co.
 Balzers
 Baseline Industries, Inc.
 Burrell Corp.
 CEA Instruments, Inc.
 Centorr Associates, Inc.
 Chrompack, Inc.
 Core Laboratories
 Cosa Instrument Corp.
 CVC Products, Inc.
 Delsi Inc.
 DEVCO Engineering, Inc.
 Dohrmann
 E. I. duPont de Nemours & Co., Inc.
 E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
 Dynatron, Inc.
 Extrel Corp.
 Fisher Scientific Co.
 The Foxboro Company
 Gow-Mac Instrument Co.
 HNU Systems, Inc.
 Horiba Instruments, Inc.
 Leco Corp.
 Leeds & Northrup Instruments
 Mine Safety Appliances Co.
 Monitor Labs, Inc.
 National Draeger, Inc.
 Nuclide Corp.
 Nuclide Corp., AGV Div.
 Orbisphere Laboratories
 The Permutit Co., Inc.
 Process Analyzers, Inc.
 Prolabo
 Scott Aviation
 Sensidyne, Inc.
 Shimadzu Corp.
 Tegal Scientific, Inc.
 Teledyne Analytical Instruments
 Thermco Instrument Corp.
 Thermo Environmental Instruments, Inc.
 Thomas Scientific
 Tracor Atlas, Inc.
 United Technical Corp.
 UTI Instruments Co.

hydrocarbon analyzers

American Gas & Chemical Co., Ltd.
 ANACON
 Analytic Parameters
 Analytical Instrument Development, Inc.
 Antek Instruments, Inc.
 Astro International Corp.
 Bacharach, Inc.
 Balzers
 Baseline Industries, Inc.
 Bico, Inc.

CEA Instruments, Inc.
 Chrompack, Inc.
 Columbia Scientific Industries Corp.
 Control Equipment Corp.
 Core Laboratories
 Delsi Inc.
 DEVCO Engineering, Inc.
 E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
 Carlo Erba Strumentazione S.p.A.
 The Foxboro Company
 Gow-Mac Instrument Co.
 HNU Systems, Inc.
 Horiba Instruments, Inc.
 Koehler Instrument Co., Inc.
 Leco Corp.
 Measurement Controls Corp.
 Mine Safety Appliances Co.
 National Draeger, Inc.
 Nuclide Corp.
 Nuclide Corp., AGV Div.
 Process Analyzers, Inc.
 Pye Unicam Ltd.
 Scott Aviation
 Sensidyne, Inc.
 Shimadzu Corp.
 Teledyne Analytical Instruments
 Tracor Instruments
 UIC, Inc.
 United Technical Corp.
 Varian Instrument Group

hydrogen analyzers

American Gas & Chemical Co., Ltd.
 Analytic Parameters
 Bacharach, Inc.
 Balzers
 Baseline Industries, Inc.
 Bico, Inc.
 Chemical Data Systems
 Chrompack, Inc.
 Control Equipment Corp.
 DEVCO Engineering, Inc.
 Eco Instruments
 Carlo Erba Strumentazione S.p.A.
 Horiba Instruments, Inc.
 Leco Corp.
 Milton Roy Co., LDC Div.
 Mine Safety Appliances Co.
 National Draeger, Inc.
 Orbisphere Laboratories
 Perkin-Elmer Corp.
 Process Analyzers, Inc.
 Ruska Instrument Corp.
 Scott Aviation
 Sensidyne, Inc.
 Teledyne Analytical Instruments
 Thermco Instrument Corp.
 Trace Analytical
 UIC, Inc.
 United Technical Corp.

**liquid scintillation sample
 preparation**

J. T. Baker Chemical Co.
 Interex Corp.
 Isolab, Inc.
 Kimble Div.
 New England Nuclear
 Nuclear Equipment Chemical Corp.
 Packard Instrument Co., Inc.
 Radiomatic Instruments & Chemical Co., Inc.
 Thomas Scientific

micro

Ace Glass, Inc.
 Control Equipment Corp.
 Thomas Scientific

oxidizer analyzers

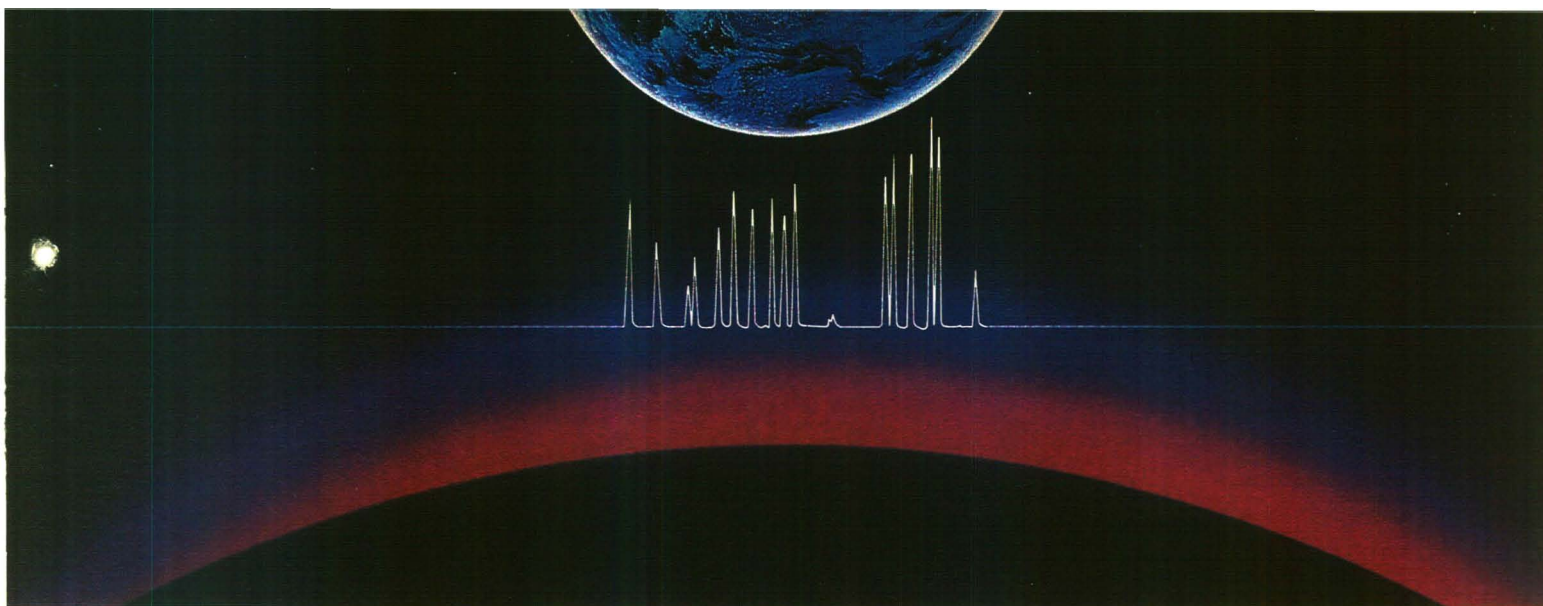
Centorr Associates, Inc.
 R. J. Harvey Instrument Corp.
 Mine Safety Appliances Co.
 Radiomatic Instruments & Chemical Co., Inc.
 Tannas Co.

oxygen flask

Galbraith Laboratories, Inc.
 Thomas Scientific

refractories

Alfa Products
 Leco Corp.
 LINDBERG
 Norton Co. (Mass.)



HPLC: 2002.

OMARS Project, 2002. Ten years in planning and 28 months under construction, the second Orbital Manufacturing and Research Station (OMARS) went on line with little public fanfare. Its purpose: zero-G manufacture of enzymes, and continuing study of the long-term effects of life in space.

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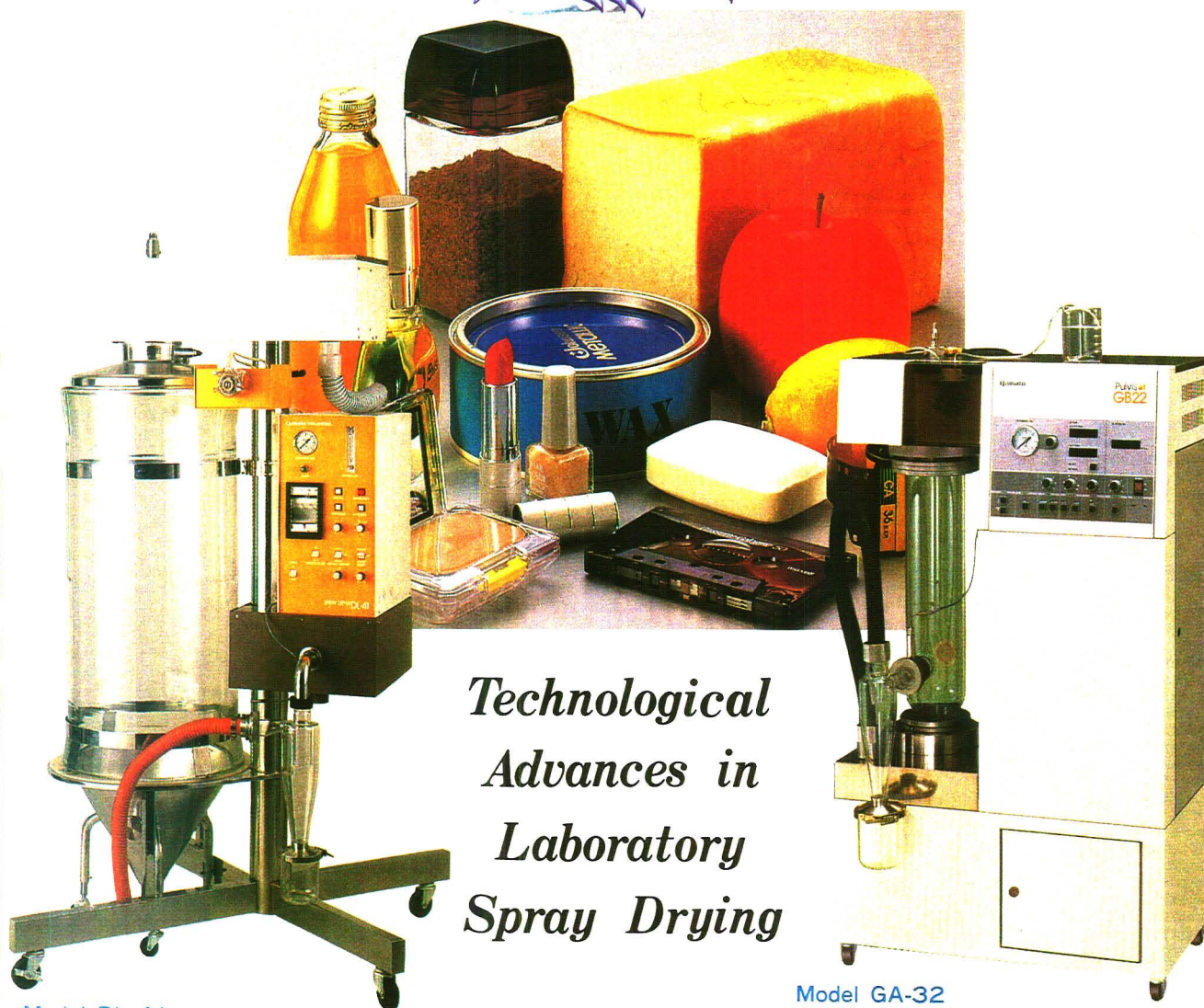
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Wale Apparatus Co.

CONTAINERS, low temperature - see also flasks, Dewar

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CONTROLLERS, temperature - see temperature controllers

CONTROLS, cryogenic - see cryogenic equipment

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CORROSION TEST APPARATUS - see petroleum testing equipment

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gas proportional

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photon

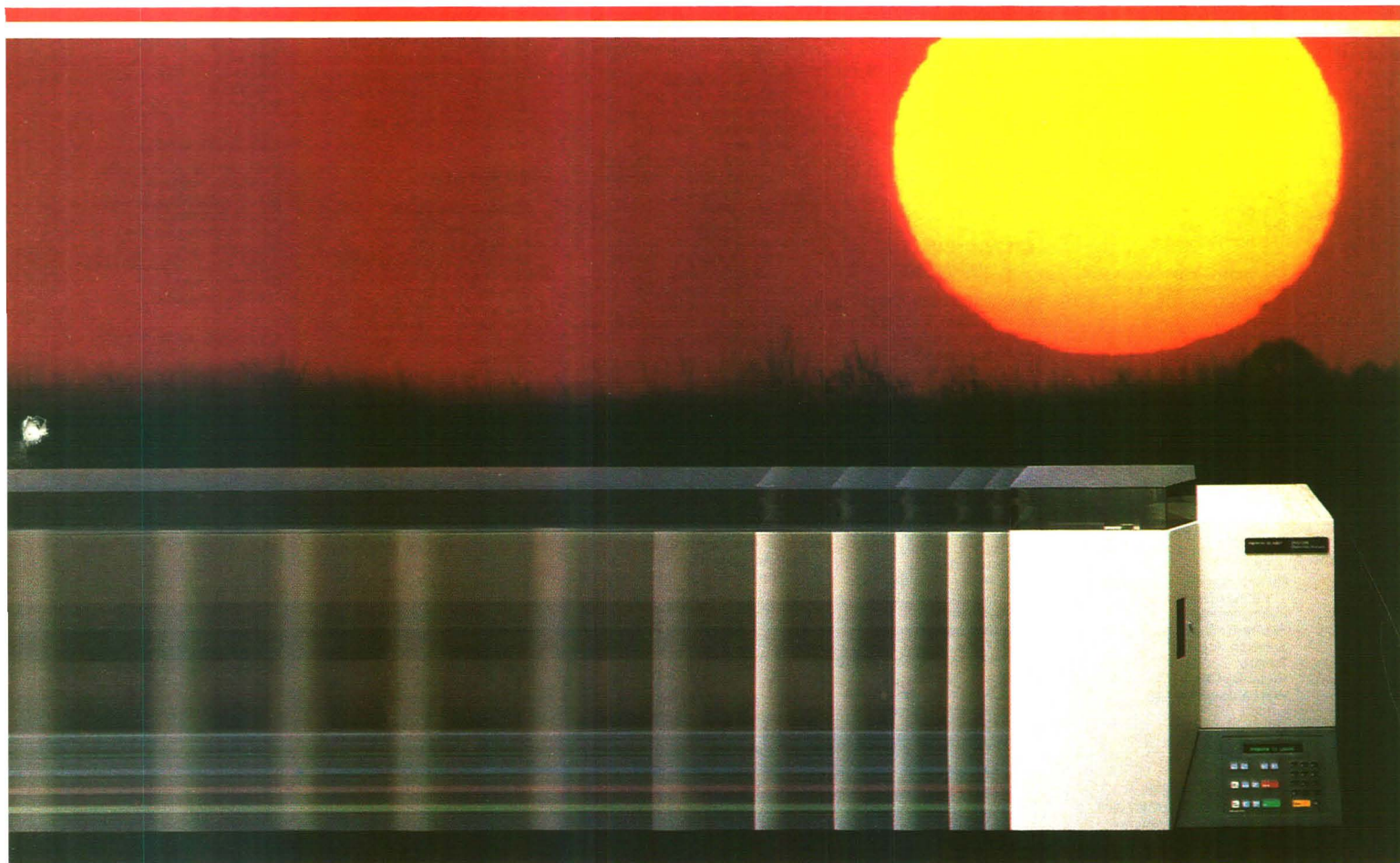
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radioactivity - see radiation equipment

time interval

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Federal Republic of Germany.
Tel: (07551) 810.

Perkin-Elmer Ltd., Post Office Lane,
Beaconsfield, Bucks HP9 1QA, England.
Tel: Beaconsfield (049 46) 6161.



PERKIN-ELMER

CIRCLE 235 ON READER SERVICE CARD

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John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
Kahl Scientific Instrument Corp.
Meylan Corp.
Nicolet Instrument Corp.
Nuclide Corp.
Racal-Dana Instruments, Inc.
Jules Racine & Co., Inc.
Standard Electric Time Corp.
Stoelting Co.
Tektronix, Inc.
Tennelec, Inc.
Veeder-Root

COUPLINGS, pipe & tubing

Ace Lite Step Co.
Analabs
The Anspec Co., Inc.
Bel-Art Products
The Boc Group, Inc.
Cajon Co.
Chrompack International B.V.
Corning Glass Works
Crawford Fitting Co.
Dynalab Corp.
Fluorocarbon Co.
Hamilton Co.
Leybold-Heraeus Vacuum Products, Inc.
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Brass Products Div.
Parker-Hannifin Corp., Hose Products Div.
Parker-Hannifin Corp., Instrumentation Connectors
Parker-Hannifin Corp., Parflex Div.
Parker-Hannifin Corp., Tube Fittings Div.
Phenomex
Scientific Systems, Inc.
Supelco, Inc.
Tomco
Vitaalco Company of America
Wale Apparatus Co.

CRUCIBLES

Alfa Products
Aremco Products, Inc.
Atomergic Chemetals Corp.
Berghof/America, Inc.
Bico, Inc.
B-J Scientific Products, Inc.
Boekel Industries, Inc.
Corning Glass Works
Engelhard Corp.
Fisher Scientific Co.
Fish-Schurman Corp.
General Electric Co.
General Electric Co., Lamp Glass Dept.
Johnson Matthey, Inc.
Leco Corp.
Norton Co. (Mass.)
Quartz Products Corp.
Sepor, Inc.
Thermal American Fused Quartz Co.
Thomas Scientific
Union Carbide Corp.
Union Carbide Corp., Carbon Products Div.

CRUSHERS, GRINDERS, MILLS, PULVERIZERS AND ACCESSORIES

Paul O. Abbe, Inc.
Angstrom, Inc.
Bel-Art Products
Bico, Inc.
Biospec Products, Inc.
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Brinkmann Instruments, Inc.
Chemical & Pharmaceutical Industry Co., Inc.
Chemplex Industries, Inc.
Cianflone Scientific Instruments Corp.
Crescent Dental Mfg. Co.
Eberbach Corp.
EDCO Scientific, Inc.
Fluid Energy Processing & Equipment Co.

Glen Mills, Inc.
Impandex, Inc.
INDCO, Inc.
International Equipment Co.
Majac
McCrone Accessories & Components
Franklin Miller, Inc.
Prolabo
Pulverizing Machinery
Redi Industries Corp.
Charles Ross & Son Co.
Sepor, Inc.
Somar International, Inc.
Spex Industries, Inc.
Tecator, Inc.
Tekmar Co.
Thomas Scientific
UDY Corp.
Union Process, Inc.
Wyssmont Co., Inc.

CRYOGENIC EQUIPMENT

cryogenic containers - see also flasks, Dewar

Ace Glass, Inc.
Alphagaz Specialty Gases
Andonian Cryogenics, Inc.
Biomagnetic Technologies, Inc.
The Boc Group, Inc.
Cal-Glass For Research, Inc.
Chrompack, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
Cryo-Med
FTS Systems, Inc.
Harris Mfg. Co., Inc.
Janis Research Co., Inc.
Kontes
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Life Technologies, Inc.
M G Industries
MVE Cryogenics
Nalge Co.
Perkin-Elmer Vacuum Products
Polyfoam Packers Corp.
Pope Scientific, Inc.
Reliance Glass Works, Inc.
RMC-Cryosystems
Scientific Glass & Instruments, Inc.
SGA Scientific Inc.
Tech Glass Co., Inc.
Thermionics Laboratory, Inc.
Thermolyne Corp.
The VirTis Co.
Wheaton Scientific

cryogenic controls

Air Products & Chemicals, Inc.
American Magnetics, Inc.
Andonian Cryogenics, Inc.
Automatic Switch Co.
Circle Seal Controls
Cryo-Med
Edwards High Vacuum, Inc.
Harris Mfg. Co., Inc.
Introtek International
Janis Research Co., Inc.
Lake Shore Cryotronics, Inc.
MVE Cryogenics
Perkin-Elmer Vacuum Products
Polaron Instruments, Inc.
RMC-Cryosystems
Thermionics Laboratory, Inc.
United Electric Controls Co.

cryogenic potentiometer controllers and indicators

Andonian Cryogenics, Inc.
Biomagnetic Technologies, Inc.
Cryo-Med
George Associates
Harris Mfg. Co., Inc.
Lake Shore Cryotronics, Inc.
Polaron Instruments, Inc.
RMC-Cryosystems
Thermo Electric Co., Inc.

cryogenic pumps

Air Products & Chemicals, Inc.
American Lewa, Inc.
Andonian Cryogenics, Inc.
Balzers
The Boc Group, Inc.
Cole-Parmer Instrument Co.
CTI - Cryogenics
Edwards High Vacuum, Inc.
Fluorocarbon Co.
Harris Mfg. Co., Inc.

High Vacuum Equipment Corp.
Leybold-Heraeus Vacuum Products, Inc.
Polaron Instruments, Inc.
RMC-Cryosystems
Sargent-Welch Scientific Co.
Thermionics Laboratory, Inc.
Varian Associates, Inc., Vacuum Products Div.

cryogenic refrigerators

Air Products & Chemicals, Inc.
Biomagnetic Technologies, Inc.
Cryo-Med
CTI - Cryogenics
Harris Mfg. Co., Inc.
Janis Research Co., Inc.
Kelvinator Scientific
Kontes
Lab-Line Instruments, Inc.
Leybold-Heraeus Vacuum Products, Inc.

Liquid Carbonic
MVE Cryogenics
Neslab Instruments, Inc.
Polaron Instruments, Inc.
Queue Systems
RESCO Scientific Co.
RMC-Cryosystems
Sargent-Welch Scientific Co.
Tegal Scientific, Inc.

cryogenic thermometers

Air Products & Chemicals, Inc.
American Magnetics, Inc.
Andonian Cryogenics, Inc.
Biomagnetic Technologies, Inc.
Cryo-Med
Doric Scientific
Harris Mfg. Co., Inc.
Janis Research Co., Inc.
Kahl Scientific Instrument Corp.
Lake Shore Cryotronics, Inc.
Omega Engineering, Inc.
Polaron Instruments, Inc.
The Pyrometer Instrument Co., Inc.
RMC-Cryosystems
Sensortek, Inc.
United Electric Controls Co.
The VirTis Co.
Weksler Instruments Corp.

cryogenic valves

Andonian Cryogenics, Inc.
Automatic Switch Co.
Badger Meter, Inc.
The Boc Group, Inc.
Circle Seal Controls
Cryo-Med
Fluorocarbon Co.
Gilmont Instruments, Inc.
Harris Mfg. Co., Inc.
High Vacuum Equipment Corp.
Hoke Incorporated
Jamesbury Corp.
Janis Research Co., Inc.
Kontes
Lab Glass, Inc.
Lake Shore Cryotronics, Inc.
Leybold-Heraeus Vacuum Products, Inc.
RMC-Cryosystems
Valcor Engineering Corp.

CRYOSCOPES

Advanced Instruments, Inc.
Precision Systems, Inc.
Prolabo
Thomas Scientific
Wescor, Inc.

CRYOSTATS

Air Products & Chemicals, Inc.
Andonian Cryogenics, Inc.
Biomagnetic Technologies, Inc.
Brinkmann Instruments, Inc.
Cal-Glass For Research, Inc.
Canberra Industries, Inc.
EG&G Ortec
George Associates
Haake Buchler Instruments, Inc.
Harris Mfg. Co., Inc.
International Equipment Co.
Janis Research Co., Inc.
Japan Spectroscopic Co., Ltd.
Kevex Corp.
Kontes
LKB Produkter AB
MVE Cryogenics
Neslab Instruments, Inc.
Pope Scientific, Inc.
Refrigeration For Science, Inc.

Reichert-Jung, Cambridge Instruments, Inc.
RMC-Cryosystems
Sensortek, Inc.
SETARAM
Tegal Scientific, Inc.

CRYSTAL GROWING APPARATUS

Atomergic Chemetals Corp.
Centorr Associates, Inc.
Goslin-Birmingham, Inc.
Lepel High Frequency Labs., Inc.
The Mellen Co., Inc.
Neslab Instruments, Inc.

CRYSTALS

laser, maser and accessories

Allied-Signal, Inc.
Atomergic Chemetals Corp.
Dell Optics Co., Inc.
General Electric Co.
Interactive Radiation, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.
Optovac
Quartz Products Corp.
Spectra-Tech, Inc.
Union Carbide Corp.
Union Carbide Corp., Electronics Div.

models - see models, crystal

optical, IR, UV, X-ray - see also radiation equipment, crystals

Atomergic Chemetals Corp.
Buck Scientific, Inc.
Cambridge Instrument Co., Inc.
Cole-Parmer Instrument Co.
Dell Optics Co., Inc.
Esco Products
The Foxboro Company
Harrick Scientific Corp.
Harshaw/Filtrol
Hilger Analytical Ltd.
IBM Instruments, Inc.
Interactive Radiation, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.
Laser Optics, Inc.
Noah Chemical
Optovac
Oriel Corp.
Outokumpu Electronics
Quartz Products Corp.
Rudolph Instruments, Inc.
Spectra-Tech, Inc.
Union Carbide Corp.
Union Carbide Corp., Electronics Div.
Wilmad Glass Co., Inc.

single

Aremco Products, Inc.
Atomergic Chemetals Corp.
Cambridge Instrument Co., Inc.
Esco Products
The Foxboro Company
Goodfellow Metals Cambridge, Ltd.
Harshaw/Filtrol
Hilger Analytical Ltd.
Interactive Radiation, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.
Lepel High Frequency Labs., Inc.
Noah Chemical
Optovac
Quartz Products Corp.
Spectra-Tech, Inc.
Tennelec, Inc.
Union Carbide Corp.
Union Carbide Corp., Electronics Div.

CULTURE APPARATUS

Ames Co.
Amicon
Bellco Glass, Inc.
Corning Glass Works
Dynalab Corp.
E-C Apparatus Corp.
Forma Scientific
Gallenkamp

Harvard Apparatus
Kimble Div.
Kontes
Lab Glass, Inc.
Life Technologies, Inc.
Millipore Corp.
Nalge Co.
New Brunswick Scientific Co., Inc.
Popper & Sons, Inc.
SGA Scientific Inc.
Techn Incorporated
Tekmar Co.
Thomas Scientific
The VirTis Co.
Wheaton Scientific

CULTURE MEDIA

AMF Laboratory Products
Analytical Products, Inc.
BBL Microbiology Systems
Difco Laboratories
Life Technologies, Inc.
Pharmacia, Inc.
Sargent-Welch Scientific Co.
Schwarz/Mann
Thomas Scientific

CYANIDE ANALYZERS

Alpkem Corp.
Antek Instruments, Inc.
Bailey Controls Co.
CEA Instruments, Inc.
DEVCO Engineering, Inc.
Dionex Corp.
EG&G Princeton Applied Research
FIATron Laboratory Systems
Ionics, Inc.
MDA Scientific, Inc.
Mine Safety Appliances Co.
Nova Analytical
Orbco Analytical Systems, Inc.
Orion Research Inc.
PCP, Inc.
Sanda, Inc.
Sargent-Welch Scientific Co.
Technicon Industrial Systems
Wheaton Scientific

CYLINDERS - see also containers and cans; gases

Ace Glass, Inc.
Air Products & Chemicals, Inc.
Alfa Products
Alphagaz Specialty Gases
Analabs
Andonian Cryogenics, Inc.
Ashland Chemical Co., Scientific Gas Products
Bel-Art Products
Big Three Industries
The Boc Group, Inc.
Corning Glass Works
Dynalab Corp.
Gallenkamp
General Drug & Chemical Corp.
Hoke Incorporated
Kimble Div.
Kontes
Lab Glass, Inc.
Matheson Gas Products
Nalge Co.
Nupro Co.
Ruska Instrument Corp.
Scientific Glass & Instruments, Inc.
Scott Specialty Gases
Union Carbide Corp., Carbon Products Div.
Wheaton Scientific

DATA BASE MANAGEMENT SYSTEMS

Bailey Controls Co.
Beckman Instruments, Inc.
CPT Corp.
General Electric Co.
IBM Instruments, Inc.
Kinetic Systems Corp.
LKB Instruments, Inc.
Nuclear Data, Inc.
Spectrogram Corp.
Technology Inc.
Thermo Environmental Instruments, Inc.
Tracor Instruments
Varian Instrument Group
VG Instruments, Inc.

4

Instruments, Equipment & Supplies

Other UV/VIS Spectrophotometers Don't Compare

The Gilford Response II with two disk drives stores and recalls data (or programs), compares samples, and performs calculations and manipulations. All this is available in a single high performance UV/VIS Spectrophotometer. No extra data station or personal computer to buy - no external interfacing requirements or computer language to learn. Response II uses menu-driven software; data is stored or recalled from disk at the press of a CRT-defined, dynamic key.

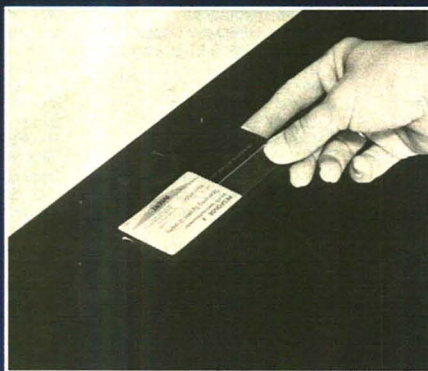
Response II allows you to compare sample data; run-to-run, today with yesterdays. It is our latest addition to our growing family of microprocessor-controlled UV/VIS Spectrophotometers.

NEW applications in temperature controlled nucleic acid and protein research.

- Programmed Denaturation
- Programmed Renaturation
- Renaturation Kinetics
- Lineweaver-Burk

NEW sample accessories.

- Test Tube Transport
- Stirring, Thermostated Cuvette Holder



Response II features:

- Two 5 $\frac{1}{4}$ " floppy disk drives and one megabyte of RAM are used to facilitate storage and recall of over 250,000 data points per disk. Change the disk - the storage is unlimited.
- Recall and compare samples within analytical run, and from run-to-run in overlay data formats.
- Subtract sample data and display the difference or add samples of known concentration to compare to a mixture.
- Multiply or divide sample data by a factor to correct for dilution differences between samples.
- Gilford users can enhance their present Response system with the disk drive system.

These are just a few of the advantages of Response II and just the beginning of what Gilford Systems will be offering for extended UV/VIS applications. For more information or to arrange for a meeting with one of our Technical Sales Specialists, call 1-800-GILFORD.

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Then, Response with Accessories...

Now, There is Response II.

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DATA HANDLING SYSTEMS -
see computers

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MANAGEMENT
SOFTWARE**

Bailey Controls Co.
Beckman Instruments, Inc.
CPT Corp.
General Electric Co.
IBM Instruments, Inc.
Kinetic Systems Corp.
LKB Instruments, Inc.
Nelson Analytical, Inc.
Spectrogram Corp.
Technology Inc.
Varian Instrument Group

**DATA STORAGE &
READOUT
EQUIPMENT**

ABI Analytical/Kratos Div.
Airflow Developments (Canada),
Ltd.
Ames Co.
Analog Technology Corp.
The Anspec Co., Inc.
Applied Research Laboratories
(ARL)
Beckman Instruments, Inc.
Climatronics Corp.
Dianachart, Inc.
Doric Scientific
Dragnet Technologies, Inc.
Dynamic Solutions
FX Systems Corp.
General Electric Co.
Gould, Inc., Recording Systems
Div.
Hewlett-Packard Co.
Honeywell, Inc., Test
Instruments Div.
IBM Instruments, Inc.
Interactive Microware, Inc.
Ionics, Inc.
Japan Spectroscopic Co., Ltd.
Kahl Scientific Instrument Corp.
Keithley Instruments, Inc.
Kevex Corp.
Kinetic Systems Corp.
Leeds & Northrup Instruments
Linseis, Inc.
LKB Instruments, Inc.
Milton Roy Co., LDC Div.
Molytek, Inc.
Monitor Labs, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
On-Line Instrument Systems,
Inc.
Perkin-Elmer Corp.
Pharmacia, Inc.
Precision Digital Corp.
Rustrak Instruments
Schneider Instrument Co.
Science/Electronics, Inc.
Sciencetech, Inc.
Spectra-Physics, Autolab Div.
Spectrogram Corp.
Spectro Products, Inc.
Spex Industries, Inc.
Surface Science Instruments
Tektronix, Inc.
Veeder-Root
Wescor, Inc.

**DECOMPOSITION
VESSELS**

Berghof/America, Inc.
LECO Corp., Tem-Press Div.
Parr Instrument Co.

**DECONTAMINATION
SERVICES - see radiation
equipment**

**DEMINERALIZERS - see water
purification equipment**

DENSITOMETERS

Analytic Parameters
Beckman Instruments, Inc.
Bio-Rad Laboratories
Camag
Cambridge Instrument Co., Inc.
Chrono-Log Corp.
E-C Apparatus Corp.
Farrand Optical Co., Inc.
Haake Buchler Instruments, Inc.
Helena Laboratories, Inc.
Hofer Scientific Instruments
ISCO
Itek Corp.

ITT Barton Instruments
Kay-Ray, Inc.
LKB Instruments, Inc.
LKB Produkter AB
Macbeth
Nuclear Research Corp.
The Ohmart Corp.
Philips Export B.V.
Process Analyzers, Inc.
Rudolph Instruments, Inc.
Sartorius Filters, Inc.
Shimadzu Corp.
Shimadzu Scientific Instruments,
Inc.
Texas Nuclear
Thomas Scientific
Toyo Kagaku Sangyo Co. Ltd.
Zeebac Inc.

DENSITOMETERS, micro

Analytic Parameters
Camag
Cambridge Instrument Co., Inc.
E-C Apparatus Corp.
EG&G Gamma Scientific
Farrand Optical Co., Inc.
Gaertner Scientific Corp.
Keithley Instruments, Inc.
LKB Instruments, Inc.
LKB Produkter AB
Perkin-Elmer Corp.
Rudolph Instruments, Inc.
Vickers Instruments, Inc.
Zeebac Inc.
Carl Zeiss, Inc.

**DENSITOMETERS, x-ray - see
x-ray densitometers**

**DENSITY GRADIENT
FRACTIONATOR**

Baird Corp.
Beckman Instruments, Inc.
Bio-Sep Co.
Cole-Parmer Instrument Co.
Haake Buchler Instruments, Inc.
Hofer Scientific Instruments
ISCO
Sarstedt, Inc.

**DENSITY MEASURING
EQUIPMENT**

Anderson Laboratories, Inc.
Atomergic Chemetals Corp.
Automation Products, Inc.
C. W. Brabender Instruments,
Inc.
Cambridge Instrument Co., Inc.
R. P. Cargille Labs., Inc.
Cole-Parmer Instrument Co.
The Foxboro Company
Gow-Mac Instrument Co.
H-B Instrument Co.
Instrumentation Technology
International
ITT Barton Instruments
Kay-Ray, Inc.
Kernco Instruments Co., Inc.
Mettler Instrument Corp.
Micromeritics Instrument Corp.
Nuclear Research Corp.
The Ohmart Corp.
Pacific Scientific
Porous Materials, Inc.
Princo Instruments, Inc.
Prolabo
Quantachrome Corp.
Sartorius Balance
Div./Brinkmann Instruments
Co.
Scientific Glass & Instruments,
Inc.
Sensall/National Sonics
Sepor, Inc.
Stanton Redcroft
Techno Incorporated
Testing Machines, Inc.
Texas Nuclear

**DENSITY DETECTORS, gas -
see detectors, gas density**

**DERIVATIZERS, amino
acid**

ABI Analytical/Kratos Div.
Applied Biosystems, Inc.
Waters Chromatography

DESICCATORS

Ace Glass, Inc.
Analtech, Inc.
The Anspec Co., Inc.
Bel-Art Products
Boekel Industries, Inc.
Cel/Milton Roy
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
Dynalab Corp.
EM Science
Fisher Scientific Co.
W. A. Hammond Drierite Co.
R. J. Harvey Instrument Corp.
Interex Corp.
Kimble Div.
Labconco Corp.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Nalge Co.
Photovolt
Pierce Chemical Co.
Precision Scientific, Inc.
Research Products International
Corp.
Schott America
Scientific Systems Corp.
Structure Probe, Inc.
Thomas Scientific
Wale Apparatus Co.
Wheaton Scientific
Wilkins-Anderson Co.

**DESKS - see furniture,
laboratory**

DETECTORS

carbon monoxide

Alphagaz Specialty Gases
American Gas & Chemical Co.,
Ltd.
Antek Instruments, Inc.
Ashland Chemical Co.,
Scientific Gas Products
Bacharach, Inc.
Bailey Controls Co.
Calibrated Instruments, Inc.
CEA Instruments, Inc.
DEVCO Engineering, Inc.
Dynatron, Inc.
The Foxboro Company
Horiba Instruments, Inc.
Interex Corp.
Interscan Corp.
Japan Spectroscopic Co., Ltd.
Lumidor Safety Products/E.S.P.,
Inc.
Matheson Gas Products
MDA Scientific, Inc.
Measurement Controls Corp.
M G Industries
Mine Safety Appliances Co.
National Draeger, Inc.
Process Analyzers, Inc.
Prolabo
Sensidyne, Inc.
Teledyne Analytical Instruments
Thermo Environmental
Instruments, Inc.
Trace Analytical
Tracor Atlas, Inc.
United Technical Corp.
Universal Sensors

coulometric

Coulometrics, Inc.
Dohrmann
ESA, Inc.
Koslow Scientific Co.
Mast Development Co.
Photovolt
Sensidyne, Inc.
Thermo Environmental
Instruments, Inc.
United Technical Corp.

electrochemical

The Anspec Co., Inc.
Beckman Instruments, Inc.
Bioanalytical Systems, Inc.
Brinkmann Instruments, Inc.
Calibrated Instruments, Inc.
Control Equipment Corp.
Dionex Corp.
Eco Instruments
EG&G Princeton Applied
Research
ESA, Inc.
FIATron Laboratory Systems
Gilson Medical Electronics, Inc.
IBM Instruments, Inc.
Interscan Corp.
Ionics, Inc.

Koslow Scientific Co.
MDA Scientific, Inc.
National Draeger, Inc.
Nova Analytical
Phenomenex
Pye Unicam Ltd.
Rainin Instrument Co., Inc.
Schneider Instrument Co.
Scientific Technologies
Sensidyne, Inc.
Technicon Industrial Systems
Tekmar Co.
Teledyne Analytical Instruments
Thermo Environmental
Instruments, Inc.
United Technical Corp.
Universal Sensors
Wescan Instruments, Inc.

gas

Alphagaz Specialty Gases
American Gas & Chemical Co.,
Ltd.
Andersen Samplers, Inc.
The Anspec Co., Inc.
Antek Instruments, Inc.
Ashland Chemical Co.,
Scientific Gas Products
Astro International Corp.
Bacharach, Inc.
Balzers
The Boc Group, Inc.
Calibrated Instruments, Inc.
Capital Controls Co., Inc.
CEA Instruments, Inc.
Chrompack, Inc.
Columbia Scientific Industries
Corp.
Coy Laboratory Products
CVC Products, Inc.
DEVCO Engineering, Inc.
E. I. duPont de Nemours & Co.,
Inc.
Dynatron, Inc.
Engelhard Corp.
ERDCO Engineering Corp.
Extrel Corp.
The Foxboro Company
Paul Gardner Co., Inc.
General Electric Co.
HNU Systems, Inc.
Horiba Instruments, Inc.
Inficon Leybold-Heraeus, Inc.
Interscan Corp.
J & W Scientific, Inc.
Japan Spectroscopic Co., Ltd.
Jerome Instrument Corp.
Lumidor Safety Products/E.S.P.,
Inc.
Matheson Gas Products
MDA Scientific, Inc.
Measurement Controls Corp.
M G Industries
Mine Safety Appliances Co.
National Draeger, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Orbisphere Laboratories
PCP, Inc.
Perkin-Elmer Corp.
Prolabo
Quantum Instruments, Inc.
Scott Aviation
Scott Specialty Gases
Sensidyne, Inc.
Sievers Research, Inc.
Teledyne Analytical Instruments
Thermo Environmental
Instruments, Inc.
Trace Analytical
Tracor Atlas, Inc.
Union Carbide Corp., Linde Div.
United States Testing Co., Inc.
United Technical Corp.
Universal Sensors
Valco Instruments Co., Inc.

gas density

Bailey Controls Co.
Gow-Mac Instrument Co.
Perkin-Elmer Corp.
Process Analyzers, Inc.
Pye Unicam Ltd.
Thermo Environmental
Instruments, Inc.

Hall effect

F. W. Bell, Inc.
Craven Laboratories, Inc.
Dowty RFL Industries, Inc.
Honeywell, Inc.
IBM Instruments, Inc.
Keithley Instruments, Inc.

Lake Shore Cryotronics, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
O. I. Corporation
Perkin-Elmer Corp.
Sprague Electric Co.
Varian Instrument Group
Walker Scientific, Inc.

Infrared

Astro International Corp.
Barnes Engineering Co.
Bio-Rad Labs., Digilab Div.
Cathodeon, Ltd.
Coherent, Inc.
Data Instruments, Inc.
DEVCO Engineering, Inc.
EG&G Gamma Scientific
EG&G Inc., Electro-Optics Div.
EIMAC
The Eppley Laboratory, Inc.
The Foxboro Company
Hamamatsu Corp.
Harrick Scientific Corp.
Harshaw/Filtrol
Hewlett-Packard Co.
Hilger Analytical Ltd.
Honeywell, Inc.
Horiba Instruments, Inc.
IBM Instruments, Inc.
Inficon Leybold-Heraeus, Inc.
Japan Spectroscopic Co., Ltd.
Kollsman Instrument Co.
LND, Inc.
Mine Safety Appliances Co.
Monitor Labs, Inc.
Nicolet Instrument Corp.
The Ohmart Corp.
O. I. Corporation
Oriel Corp.
Perkin-Elmer Corp.
Pye Unicam Ltd.
Sciencetech, Inc.
Skan-A-Matic Corp.
Sprague Electric Co.
Technicon Industrial Systems
Teledyne Analytical Instruments
Thermo Environmental
Instruments, Inc.
Thermometrics, Inc.
Vanzetti Systems, Inc.

laser light scattering

Surface Science Instruments
Wyatt Technology Corp.

leak

Airco Special Gases
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
American Gas & Chemical Co.,
Ltd.
American Ultraviolet Co.
Analabs
Analytical Instrument
Development, Inc.
The Anspec Co., Inc.
Balzers
Biddle Instruments
Big Three Industries
The Boc Group, Inc.
Capital Controls Co., Inc.
Chrompack, Inc.
Chrompack International B.V.
Datametrics
DEVCO Engineering, Inc.
E. I. duPont de Nemours & Co.,
Inc.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
Edwards High Vacuum, Inc.
The Foxboro Company
General Electric Co.
Gow-Mac Instrument Co.
Hewlett-Packard Co.
E. Vernon Hill, Inc.
HNU Systems, Inc.
Inficon Leybold-Heraeus, Inc.
Japan Spectroscopic Co., Ltd.
Kontes
LND, Inc.
Lumidor Safety Products/E.S.P.,
Inc.
Magnaflux Corp.
Matheson Gas Products
MDA Scientific, Inc.
Mine Safety Appliances Co.
Nuclide Corp.
Nuclide Corp., AGV Div.
Orbisphere Laboratories
PCP, Inc.

PUMPING IRON

Pump 22 Puts Muscle in Your Lab.

This Harvard Apparatus pulse-free syringe pump can take on virtually any application or program you give it.

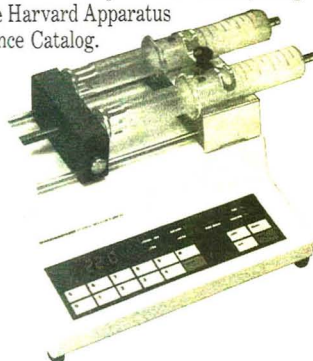
Computer Interface: Its standard RS-232 circuit interfaces with your lab's computer, allowing remote control and programming. You can:

- create feedback systems
- profile delivery rates
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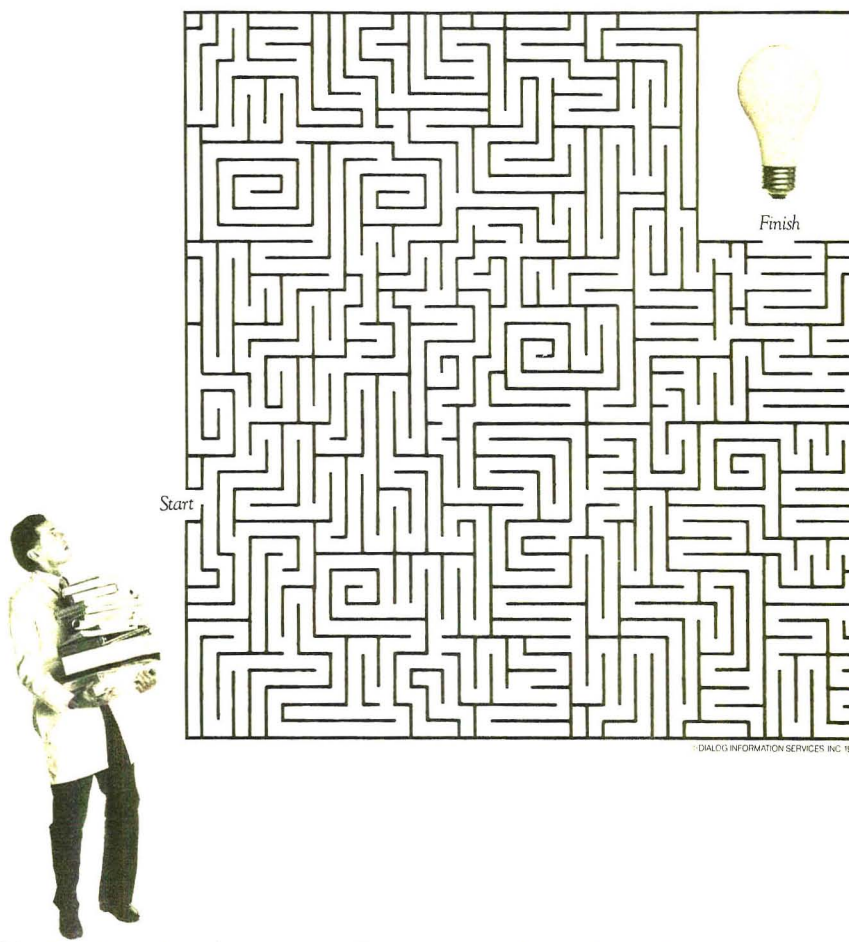
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Products Div.
Veeco Instruments, Inc.

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ESA, Inc.
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National Instrument Co., Inc.
Ney Products, Inc.
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SAS Pharmaceuticals, Ltd.
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radiation - see radiation
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VICI Metronics, Inc., Condyle
Div.

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Ashland Chemical Co.,
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Ltd.
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Hewlett-Packard Co.
Introtek International
Lumidor Safety Products/E.S.P.
Inc.
Magnaflux Corp.
Panametrics, Inc.
Tracor Instruments

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American Ultraviolet Co.
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Altek Div.
Beckman Instruments, Inc.
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Inc.
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Inc., Clinical & Instrument
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General Eastern Instruments
Corp.
Hankison Corp.
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Honeywell, Inc., Industrial
Controls Div.
Instrumentation Technology
International
Kahl Scientific Instrument Corp.
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LINDBERG
Panametrics, Inc.
Prolabo
Sargent-Welch Scientific Co.
Shaw Moisture Meters
Yellow Springs Instrument Co.,
Inc.

DEWAR FLASKS - see
containers, low temperature;
cryogenic equipment and
flasks, Dewar

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Inc.

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Inc.
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Milton Roy Co., Analytical
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Oriel Corp.
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Tousimis

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Glass Dept.
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Perkin-Elmer Corp.
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Scientific Glass & Instruments,
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SETARAM
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Co.
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DILUTERS, automatic

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Micromedex Systems, Inc.
Nuclear Equipment Chemical
Corp.
Prolabo
Radiometer America, Inc.
SMI Liquid Handling Products
Thomas Scientific
Wheaton Scientific

DIODES - see tubes,
electronic

DIPOLE MOMENT MEASURING EQUIPMENT

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Kahl Scientific Instrument Corp.

Life Technologies, Inc.

DISHES - see glassware,
plasticware, ceramicware

DISKS AND PLATES, optical -
see optical disks

DISKS, x-ray - see x-ray
disks

DISINTEGRATORS - see
ultrasonic equipment

DISPENSERS - see filling and
dispensing equipment

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Scientific Glass & Instruments,
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UIC, Inc.

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Pope Scientific, Inc.
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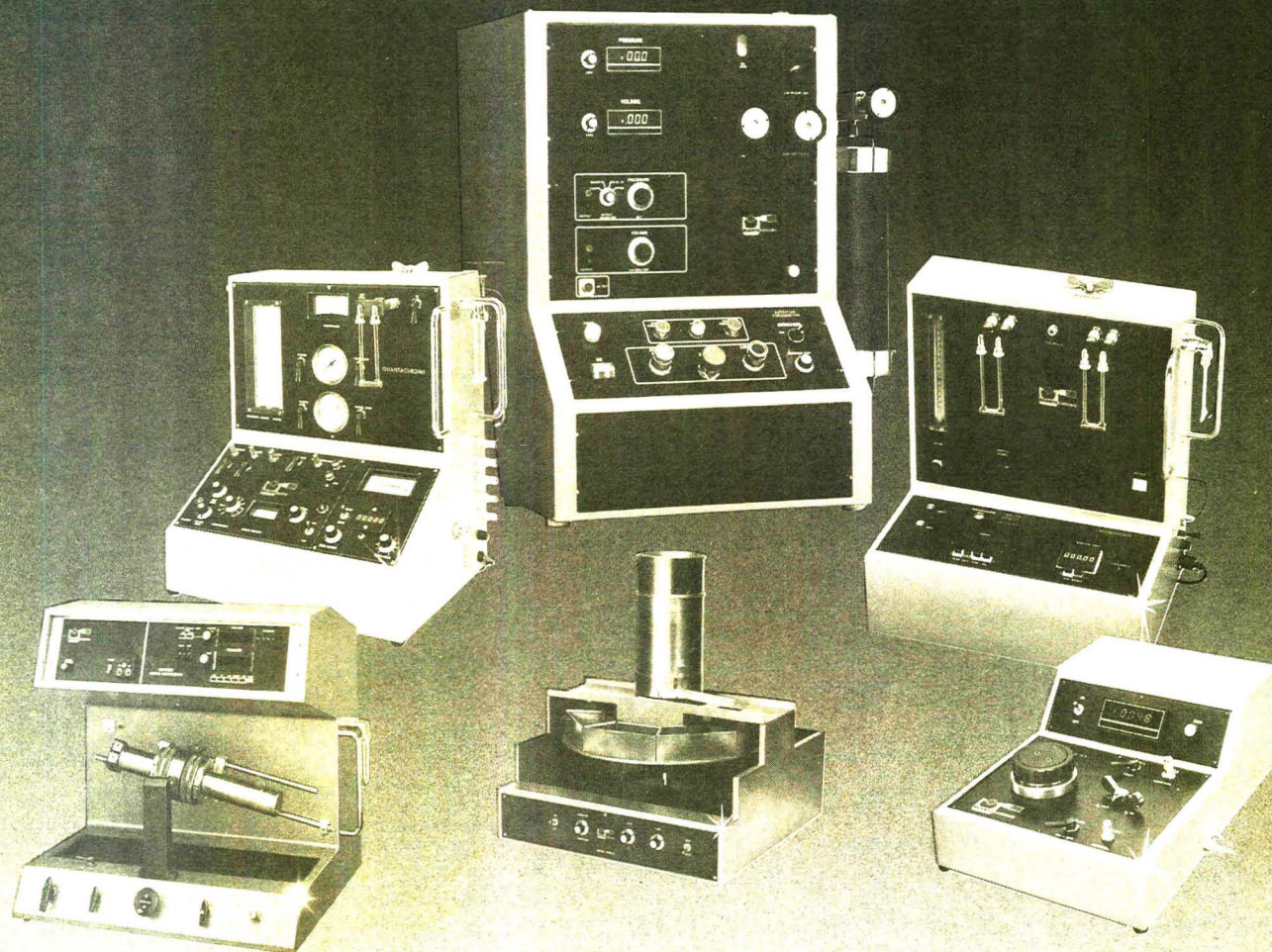
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other

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DNA, synthetic

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DNA SYNTHESIZERS

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Vertex Industries, Inc.

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Bel-Art Products
Custom Scientific Instruments, Inc.
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Polyfoam Packers Corp.

DRYERS - see ovens

DRYERS, gas

Airco Special Gases
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Analabs
Ashland Chemical Co.
Ashland Chemical Co.,
Scientific Gas Products
Balston, Inc.
The Boc Group, Inc.
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Matheson Gas Products
Scott Specialty Gases
Supelco, Inc.
Thomas Scientific
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Yamato USA, Inc.

DRYING APPARATUS AND ACCESSORIES - see ovens and air dryers

DUST BOOTS

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EBULLIOMETERS

Prolabo
Scientific Glass & Instruments, Inc.

ELASTICITY TESTER

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Precision Scientific, Inc.
Rheometrics, Inc.

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ELECTRODES

dropping mercury
Brinkmann Instruments, Inc.
Eco Instruments
EG&G Princeton Applied Research
Metrohm
Sargent-Welch Scientific Co.
glassy carbon
Atomergic Chemetals Corp.
Bioanalytical Systems, Inc.
Brinkmann Instruments, Inc.
Buck Scientific, Inc.
Eco Instruments
EG&G Princeton Applied Research
The ElectroSynthesis Co.
Koslow Scientific Co.
Metrohm
Radiometer America, Inc.
Sargent-Welch Scientific Co.
Scientific Technologies
graphite
Angstrom, Inc.
Atomergic Chemetals Corp.
Bioanalytical Systems, Inc.
The Boc Group, Inc.
Brinkmann Instruments, Inc.
Buck Scientific, Inc.

Eco Instruments
EG&G Princeton Applied Research
The ElectroSynthesis Co.
Metrohm
National Spectrographic Laboratories, Inc.
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Union Carbide Corp.
Union Carbide Corp., Carbon Products Div.
Wale Apparatus Co.
Zeabac Inc.

Karl Fischer

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Metrohm
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Orion Research Inc.
Phoenix Electrode Co.
Photovolt
Radiometer America, Inc.
Sargent-Welch Scientific Co.
Scientific Glass & Instruments, Inc.
Tekmar Co.

metallc

Atomergic Chemetals Corp.
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Eco Instruments
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Engelhard Corp.
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Metrohm
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National Spectrographic Laboratories, Inc.
Nester Instruments
Orion Research Inc.
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Radiometer America, Inc.
Rosemount Analytical/Unilco Div.
Sargent-Welch Scientific Co.
Spectrex Corp.
Tekmar Co.
Thomas Scientific
Zeabac Inc.

spectroscopic - see spectrometers

ELECTRODES, enzyme

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Phillips Chemical Co.
Provesta Corp.
Universal Sensors

ELECTRODES, pH

combination
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Bico, Inc.
B. Braun Instruments
Brinkmann Instruments, Inc.
Broadley-James Corp.
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Corning Glass Works
Eco Instruments
Engineered Systems & Designs
Extch Instruments
F & J Scientific
Fisher Scientific Co.
The Foxboro Company
General Drug & Chemical Corp.
Great Lakes Instruments, Inc.
HNU Systems, Inc.
Horiba Instruments, Inc.
Innovative Sensors, Inc.
J&S Scientific, Inc.
Jumo Process Control, Inc.

Kernco Instruments Co., Inc.
Koslow Scientific Co.
Kruger & Eckels, Inc.
LaJolla Scientific Co., Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Linear Instruments Corp.
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Metrohm
Microelectrodes, Inc.
Nester Instruments
New Brunswick Scientific Co., Inc.
Northern Technical & Chemical Services
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Pharmacia, Inc.
Phenomenex
Philips Export B.V.
Phoenix Electrode Co.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Unilco Div.
Sargent-Welch Scientific Co.
Scientific Glass & Instruments, Inc.
Scientific Technologies
Sensorex
Serfilco, Ltd.
Sigma Chemical Co.
Tegal Scientific, Inc.
Tekmar Co.
Thomas Scientific
Tudor Scientific Glass Co.
United States Testing Co., Inc.
Whatman Inc.
Wilkins-Anderson Co.
Wilma Glass Co., Inc.

general purpose

Aldrich Chemical Co., Inc.
American Scientific Products
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Broadley-James Corp.
Buck Scientific, Inc.
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Engineered Systems & Designs
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Thomas Scientific
Tudor Scientific Glass Co.
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Scientific Technologies
Sensorex
Serfilco, Ltd.
Sierra/Misco, Inc.
Tegal Scientific, Inc.
Tekmar Co.
Thomas Scientific
Tousimis
Tudor Scientific Glass Co.
United States Testing Co., Inc.
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Wilma Glass Co., Inc.

glass

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CARRI-MED CS RHEOMETER



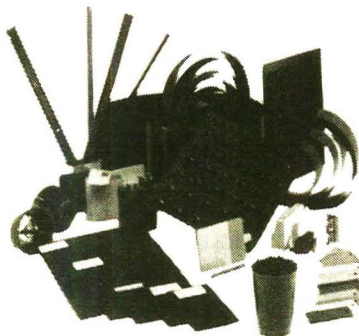
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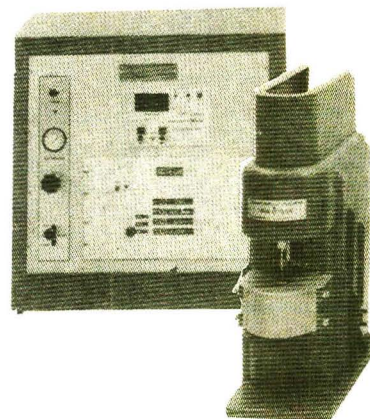
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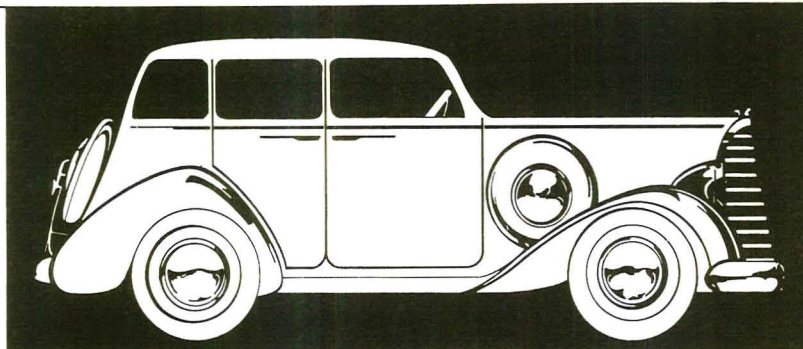


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gel, preparative

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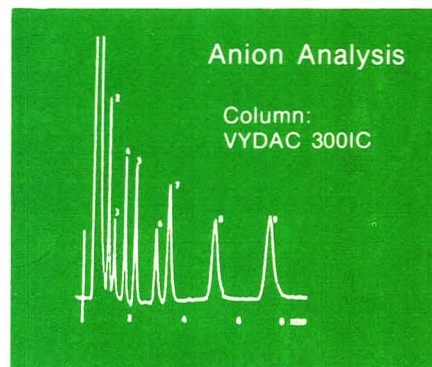
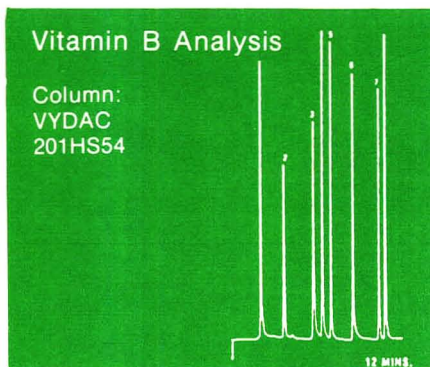
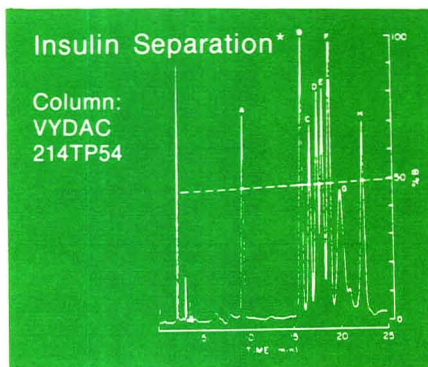
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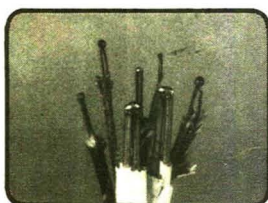
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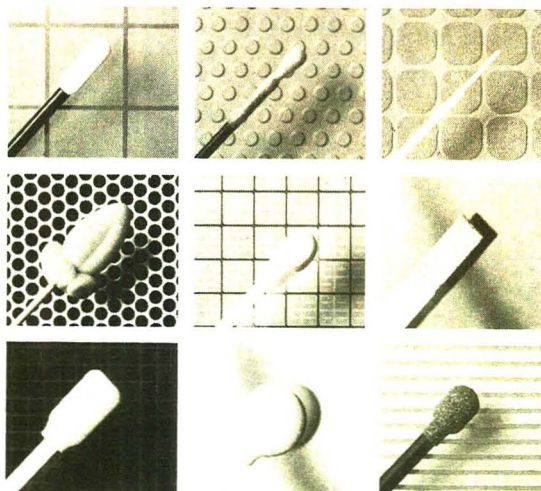
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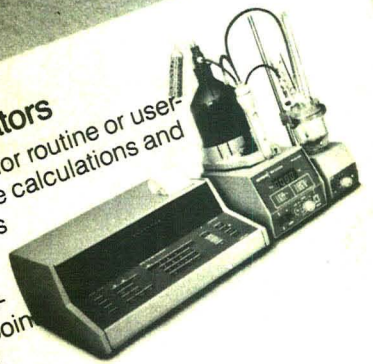
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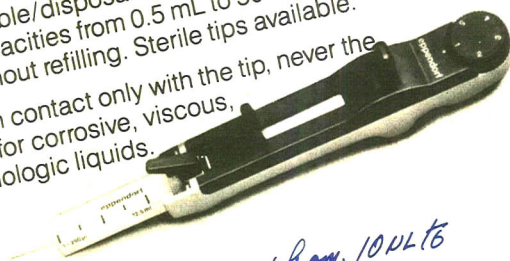
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FILTERING EQUIPMENT, ACCESSORIES, AND AIDS - see also funnels, filter

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metallic

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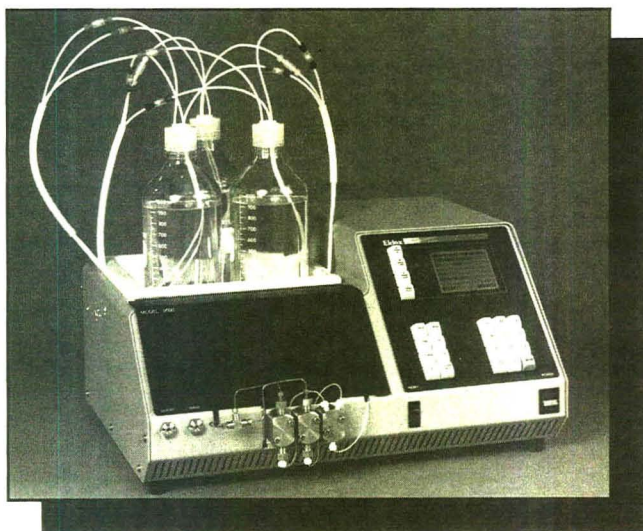
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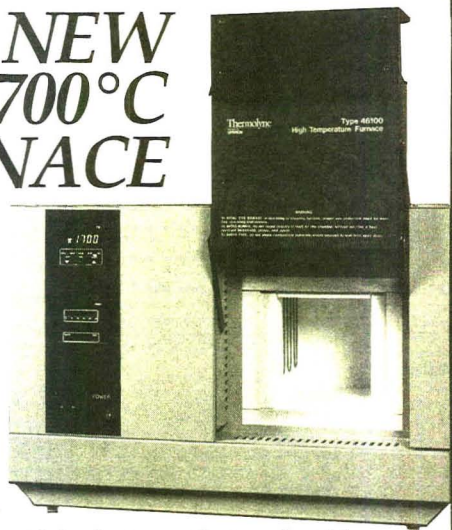
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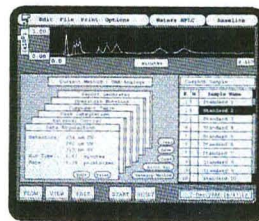
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Corning Glass Works
Dynalab Corp.
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Gallenkamp

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Kimble Div.
Kontes
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Nalge Co.
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Phenomenex
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Tudor Scientific Glass Co.
UIC, Inc.
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Wheaton Scientific
Wilkins-Anderson Co.

FLASKS, Dewar

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The Fredericks Co.
FTS Systems, Inc.
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Kontes
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MVE Cryogenics
Nalge Co.
Perkin-Elmer Vacuum Products
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SGA Scientific Inc.
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Luft Instruments, Inc.
Matheson Gas Products
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Omega Engineering, Inc.
Porter Instrument Co., Inc.
Quantachrome Corp.
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Supelco, Inc.
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Union Carbide Corp., Linde Div.
Universal Scientific, Inc.
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Wilma Glass Co., Inc.

FLOW INJECTION ANALYZERS

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Applied Automation, Inc.
FIATron Laboratory Systems

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Air Products & Chemicals, Inc.
Alltech Associates/Applied Science
Alphagaz Specialty Gases
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Antek Instruments, Inc.
Ashland Chemical Co.
Ashland Chemical Co., Scientific Gas Products
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Bailey Controls Co.
Baseline Industries, Inc.
B I F
Big Three Industries
The Boc Group, Inc.
Bristol Babcock Inc.
Brooks Instrument Div.
Capital Controls Co., Inc.
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Cole-Parmer Instrument Co.
Datametrics
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Omega Engineering, Inc.
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Phase Separations, Inc.
Phenomenex
Porter Instrument Co., Inc.
Prolabo
SETARAM
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Supelco, Inc.
Texas Nuclear
Universal Scientific, Inc.
Wallace & Tiernan
Wheaton Scientific

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Analabs
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Astra Scientific International, Inc.
Badger Meter, Inc.
Bailey Controls Co.
B I F
Big Three Industries
Bristol Babcock Inc.
Brooks Instrument Div.
Chrompack, Inc.
Chrompack International B.V.
Cole-Parmer Instrument Co.
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The Electrosynthesis Co.
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Honeywell, Inc., Industrial Controls Div.
HPLC Technology, Ltd.
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ITT Barton Instruments
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Kay-Ray, Inc.
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Lab-Crest Scientific
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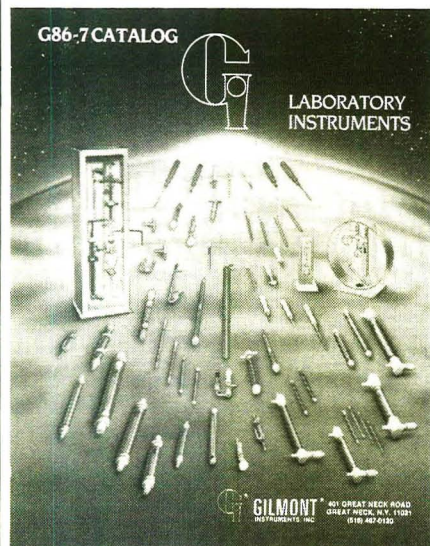
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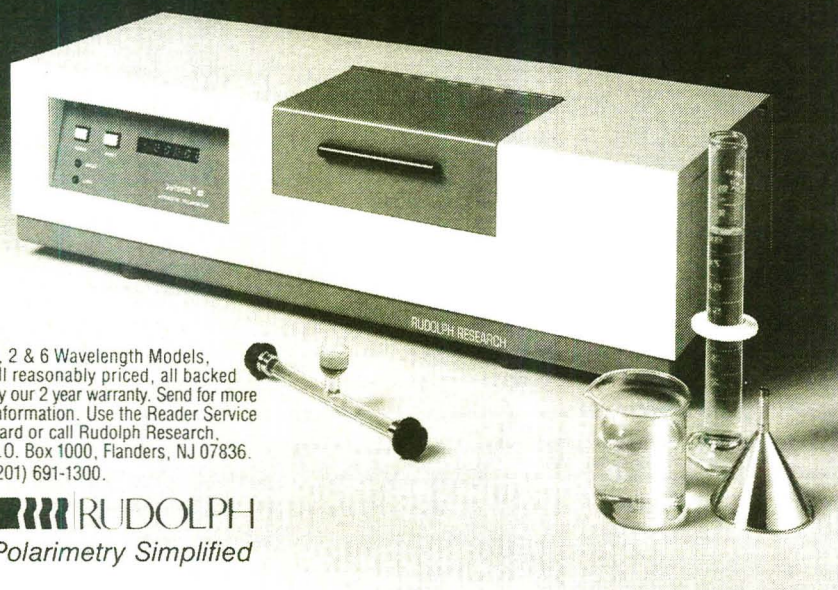
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Walker Scientific, Inc.

FOIL, graphite

Goodfellow Metals Cambridge,
Ltd.

FOIL, metal

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Atomergic Chemetals Corp.
Engelhard Corp.
Goodfellow Metals Cambridge,
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Johnson Matthey, Inc.
Ney Products, Inc.
Nuclear Associates
Nuclear Equipment Chemical
Corp.
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Polaron Instruments, Inc.
Polysciences, Inc.
Reactor Experiments, Inc.

FOIL, metal, ultra-thin

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Atomergic Chemetals Corp.
Goodfellow Metals Cambridge,
Ltd.
Johnson Matthey, Inc.
Norton Performance Plastics
Nuclear Equipment Chemical
Corp.
Reactor Experiments, Inc.

FOILS, neutron activation - see radiation equipment

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Norton Performance Plastics
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Tudor Scientific Glass Co.

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Spectra-Tech, Inc.
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Inc.
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LKB Instruments, Inc.
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Stokes, Div. of Pennwalt Corp.
Structure Probe, Inc.
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Thomas Scientific
Toyo Kagaku Sangyo Co. Ltd.
The VirTis Co.

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Young Laboratories

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Phenomenex
Sartorius Filters, Inc.
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SGA Scientific Inc.
Spectrum Medical Industries,
Inc.
Thomas Scientific
Tudor Scientific Glass Co.
Wale Apparatus Co.
Whatman Inc.
Wheaton Scientific
Wilkins-Anderson Co.

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fusion (for coal determination)

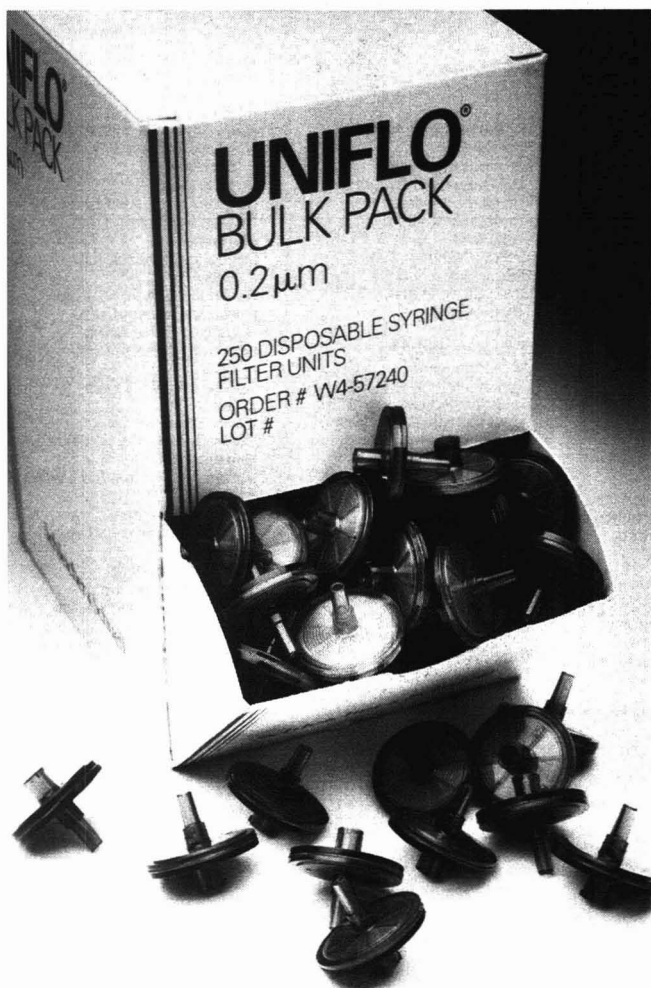
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Gallenkamp
Hamilton Industries
HEMCO Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Nuclear Associates
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
Scott Specialty Gases
United Technical Corp.
VWR Scientific

chairs and stools

Ajusto Equipment Co.
AMSCO/American Sterilizer Co.
Benchmark Industries, Inc.
Classic Modulator Systems, Inc.
Dynamab Corp.
Equipto
Kewaunee Scientific Corp.
Lab Fabricators Co.
Sargent-Welch Scientific Co.
United Technical Corp.
VWR Scientific
Wale Apparatus Co.

fixtures

Classic Modulator Systems, Inc.
Duralab Equipment Corp.
Fisher Scientific Co.
Gallenkamp
General Electric Co.
Hamilton Industries
HEMCO Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Newport Corp.
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
Spectrum Medical Industries
T & S Brass & Bronze Works
United Technical Corp.
VWR Scientific

furniture tops

Alberene Stone Co.
AMSCO/American Sterilizer Co.
Classic Modulator Systems, Inc.
Duralab Equipment Corp.
Fisher Scientific Co.
Gallenkamp
Hamilton Industries
HEMCO Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Manville
Nicolet Industries
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
Solder Absorbing Technology
United Technical Corp.
VWR Scientific
Wale Apparatus Co.

metal casework

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AMSCO/American Sterilizer Co.
Duralab Equipment Corp.
Fisher Scientific Co.
Hamilton Industries
HEMCO Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Nuclear Associates
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
United Technical Corp.

plastic casework

AMSCO/American Sterilizer Co.
Bel-Art Products
Classic Modulator Systems, Inc.
Nuclear Associates
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
Spectrum Medical Industries
United Technical Corp.

wood casework

Classic Modulator Systems, Inc.
Fisher Scientific Co.
Hamilton Industries
Kewaunee Scientific Corp.
Sargent-Welch Scientific Co.
United Technical Corp.

GAGES**ionization**

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Teledyne Hastings-Raydist
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Veeco Instruments, Inc.

level

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Crosby Valve & Gage Co.
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ITT Barton Instruments
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The Ohmart Corp.
Princo Instruments, Inc.
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Sensall/National Sonics
Sierra/Misco, Inc.
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McLeod, vacuum

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The VirTis Co.
Wallace & Tiernan

pressure

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Ashland Chemical Co., Scientific Gas Products
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pressure, quartz

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vacuum

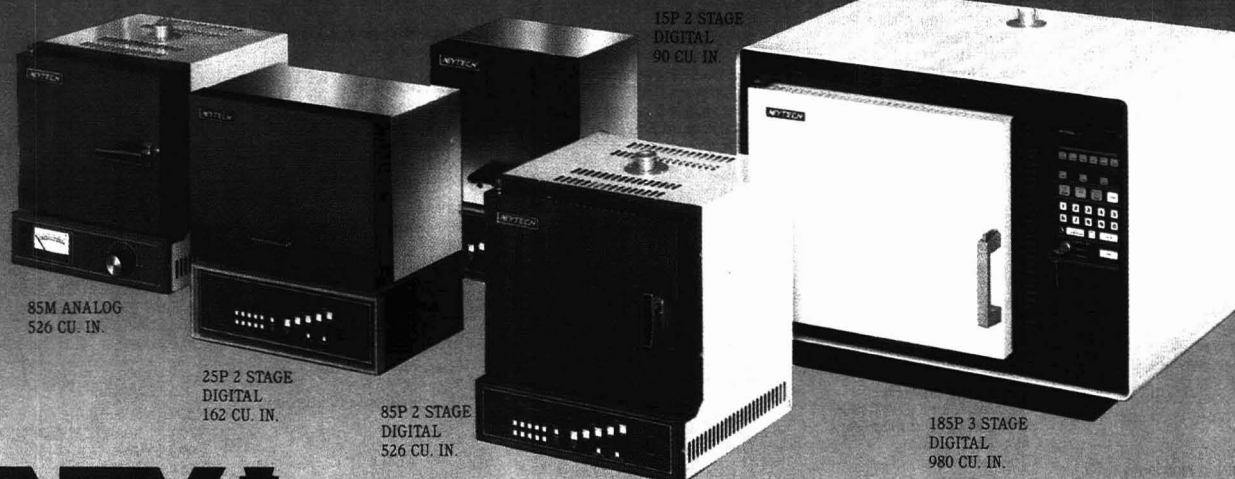
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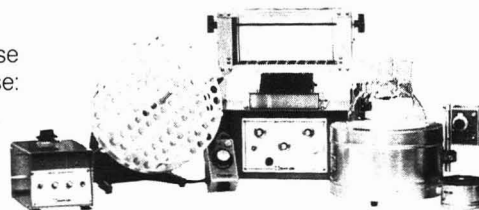
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Big Three Industries
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Cryogenic Rare Gas
Matheson Gas Products

M G Industries
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GAUZE, wire - see wire cloth**GENERATORS****aerosol**

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gas

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Astro Analytical
BBL Microbiology Systems
The Boc Group, Inc.
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hydrogen

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Solder Absorbing Technology, Inc.
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inert gas

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microwave power

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EIMAC
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Watkins-Johnson Co.

nitrogen

Airco Special Gases
Air Products & Chemicals, Inc.
The Boc Group, Inc.
Chrompack, Inc.
Chrompack International B.V.
Independent Equipment Corp. (NJ)

noise

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Hewlett-Packard Co.
Marconi Instruments
Nuclide Corp.

ozone

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Cole-Parmer Instrument Co.
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UVP, Inc.
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pulse

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Benchmark Industries, Inc.
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CAL-AV Labs, Inc.
Cober Electronics, Inc.
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Nuclide Corp.
Nuclide Corp., AGV Div.
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Veeder-Root

pulse, nuclear - see radiation equipment**signal**

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Marconi Instruments
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Nuclide Corp.
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Philips Export B.V.
Racal-Dana Instruments, Inc.
Tektronix, Inc.

sine-wave

B&K-Precision/Dynascan Corp.
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
The Hickok Electrical Instrument Co.
Marconi Instruments
Nuclide Corp.
Philips Export B.V.
Racal-Dana Instruments, Inc.
Sargent-Welch Scientific Co.
Tektronix, Inc.

square-wave

B&K-Precision/Dynascan Corp.
Hewlett-Packard Co.
The Hickok Electrical Instrument Co.
Nuclide Corp.
Philips Export B.V.
Racal-Dana Instruments, Inc.
Sargent-Welch Scientific Co.
Stoelting Co.
Tektronix, Inc.

steam

AMSCO/American Sterilizer Co.
Chromalox
Cole-Parmer Instrument Co.
General Electric Co.
Sargent-Welch Scientific Co.
Scientific Systems Corp.

time-mark

Chrono-Log Corp.
Hewlett-Packard Co.
Nuclide Corp.
Racal-Dana Instruments, Inc.
Sargent-Welch Scientific Co.
Tektronix, Inc.

ultrasonic - see ultrasonic equipment**wave form for electrochemistry**

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Sargent-Welch Scientific Co.
Walker Scientific, Inc.

x-ray

EG&G Ortec
Enraf-Nonius
General Electric Co.
Kevex Corp.
Magnaflux Corp.
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Nuclear Research Corp.
Perkin-Elmer Corp., Physical Electronics Div.
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UIC, Inc.
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Wheaton Scientific

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Kimble Div.
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Nester Instruments
Orbeco Analytical Systems, Inc.
Perkin-Elmer Corp.
Pierce Chemical Co.
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Sun Brokers, Inc.
Tecat, Inc.
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Thomas Scientific
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UIC, Inc.
Vitro Technology, Ltd.
Wale Apparatus Co.
Wheaton Scientific
Wilkins-Anderson Co.
Wilmad Glass Co., Inc.
Xyde Corp.

GLASSWARE, custom

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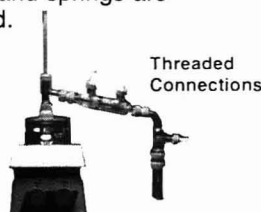


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Wale Apparatus Co.
Zeebac Inc.

GUM CONTENT APPARATUS -
see petroleum testing
equipment

**HALOGEN DETERMINATION
APPARATUS** - see petroleum
testing equipment

HARDNESS ANALYZERS

CHEMetrics, Inc.
FlAtron Laboratory Systems
Glen Mills, Inc.
Hach Co.
Ionics, Inc.
E. Leitz, Inc.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Pacific Scientific
Page-Wilson Corp.
Technicon Industrial Systems

HEADSPACE ANALYZERS

Chemical Data Systems
Chrompack, Inc.
Carlo Erba Strumentazione
S.p.A.
The Foxboro Company
J & W Scientific, Inc.
Orbisphere Laboratories
PCP, Inc.
Perkin-Elmer Corp.
Pye Unicam Ltd.
Shimadzu Scientific Instruments,
Inc.
Tekmar Co.
Teledyne Analytical Instruments
United Technical Corp.

HEAT FLOW INSTRUMENTS

Custom Scientific Instruments,
Inc.
Harrop Industries, Inc.
Hauser Laboratories
Kahl Scientific Instrument Corp.
Perkin-Elmer Corp.
SETARAM

**HEAT INDICATING
DEVICES (crayons,
paints, etc.)** - see also
thermometers

Chromalox
Electrothermal, Inc.
Ney Products, Inc.
Omega Engineering, Inc.
Solder Absorbing Technology,
Inc.

Thomas Scientific

HEAT TRANSFER DEVICES

Alfa-Laval, Inc.
Capitol Temptrol Corp.
Chemineer, Inc.
Chromalox
Corning Glass Works
EIMAC
FTS Systems, Inc.
Goslin-Birmingham, Inc.
Haake Buchler Instruments, Inc.
Midland Ross
MSA-Advanced Systems Div.
Niagara Blower Co.
Norton Performance Plastics
NRC, Inc.
Parker-Hannifin Corp.,
Instrumentation Connectors
Div.
PolyScience Corp.
Union Carbide Corp., Carbon
Products Div.
Wheaton Scientific

**HEATERS, HEATING
ELEMENTS, AND
ACCESSORIES** - see also
hot plates

Ace Glass, Inc.
American Air Filter
Bel-Art Products
Blue M
Briskheat Corp.
Centorr Associates, Inc.
Chemtrix, Inc.
Chromalox
CM Furnaces, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
DynaLab Corp.
Eldex Laboratories, Inc.
Electrothermal, Inc.
Haake Buchler Instruments, Inc.
Hengar Co. Div.
Kontes
Lab Glass, Inc.
LINDBERG
Master Appliance Corp.
The Mellen Co., Inc.
Norton Co. (Mass.)
Phenomenex
PHI
Pierce Chemical Co.
PMC Industries, Inc.
PolyScience Corp.
Precision Scientific, Inc.
Prolabo
Sargent-Welch Scientific Co.
Scientific Glass & Instruments,
Inc.
Scientific Systems, Inc.
Technical Heaters, Inc.
Thermolyne Corp.
Thomas Scientific
Trent, Inc.
Troemner, Inc.
Union Carbide Corp., Carbon
Products Div.

HEATERS, infrared

Bel-Art Products
Buck Scientific, Inc.
Chromalox
Fisher Scientific Co.
Instruments For Research &
Industry
Research, Inc.
Trent, Inc.

HEATERS, immersion

Ace Glass, Inc.
Andonian Cryogenics, Inc.
Bel-Art Products
B. Braun Instruments
Brinkmann Instruments, Inc.
Capitol Temptrol Corp.
Chromalox
Cole-Parmer Instrument Co.
Corning Glass Works
Electrothermal, Inc.
Fisher Scientific Co.
Haake Buchler Instruments, Inc.
Kontes
Lab Glass, Inc.
Lauda
Norton Co. (Mass.)
Norton Performance Plastics

PolyScience Corp.
Precision Scientific, Inc.
Prolabo
Serfilco, Ltd.
Sethco Div.
Tegal Scientific, Inc.
Thomas Scientific
Trent, Inc.
Union Carbide Corp., Carbon
Products Div.

HEATING MANTLES

general
Ace Glass, Inc.
Briskheat Corp.
Electrothermal, Inc.
Glas-Col Apparatus Co.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Laboratory Craftsmen, Inc.
H. S. Martin, Inc.
Prolabo
Reliance Glass Works, Inc.
Scientific Glass & Instruments,
Inc.
Thermolyne Corp.
Thomas Scientific
Tudor Scientific Glass Co.
Wilkins-Anderson Co.

Kjeldahl
Brinkmann Instruments, Inc.
Buchi
Electrothermal, Inc.
Glas-Col Apparatus Co.
Scientific Glass & Instruments,
Inc.
Tudor Scientific Glass Co.

HEATING TAPES

Briskheat Corp.
Chromalox
Clayborn Labs., Inc.
DynaLab Corp.
Electrothermal, Inc.
Glas-Col Apparatus Co.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
H. S. Martin, Inc.
Prolabo
Reliance Glass Works, Inc.
Scientific Glass & Instruments,
Inc.
Thermolyne Corp.
Thomas Scientific
Wilkins-Anderson Co.

HOLOGRAPHIC EQUIPMENT

Ealing Electro Optics, Inc.
Gaertner Scientific Corp.
Spindler & Hoyer, Inc.

HOMOGENIZERS

Alfa-Laval, Inc.
APV Gaulin, Inc.
Bellco Glass, Inc.
Biospec Products, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
B. Braun Instruments
Brinkmann Instruments, Inc.
Chemical & Pharmaceutical
Industry Co., Inc.
Cole-Parmer Instrument Co.
Craven Laboratories, Inc.
E. I. duPont de Nemours & Co.,
Inc.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
DynaLab Corp.
Eberbach Corp.
Energy Service Co.
Glen Mills, Inc.
Global Process Equipment, Inc.
Heat Systems-Ultrasonics, Inc.
Majac
Franklin Miller, Inc.
Particle Data, Inc.
Pierce Chemical Co.
PolyScience Corp.
Pulverizing Machinery
Charles Ross & Son Co.
SGA Scientific Inc.
Spectrum Medical Industries,
Inc.
Tegal Scientific, Inc.
Tekmar Co.
Thomas Scientific
Tri-R Instruments, Inc.

The VirTis Co.
Wheaton Scientific
Yamato USA, Inc.

HOODS AND ACCESSORIES

Alberene Stone Co.
American Air Filter
Bel-Art Products
Bellco Glass, Inc.
The Boc Group, Inc.
B. Braun Instruments
Classic Modular Systems, Inc.
Duralab Equipment Corp.
Fisher Scientific Co.
Forma Scientific
Gallenkamp
Global Process Equipment, Inc.
Hamilton Industries
Heat Systems-Ultrasonics, Inc.
HEMCO Corp.
Instruments For Research &
Industry
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Liberty Industries, Inc.
Nuclear Associates
Charles Ross & Son Co.
St. Charles Manufacturing Co.
Sargent-Welch Scientific Co.
Structure Probe, Inc.
T & S Brass & Bronze Works,
Inc.
Tegal Scientific, Inc.
Thomas Scientific
United States Testing Co., Inc.
United Technical Corp.
VWR Scientific
Wilkins-Anderson Co.

HOODS, flow

BBL Microbiology Systems
Bellco Glass, Inc.
The Boc Group, Inc.
Classic Modular Systems, Inc.
Duralab Equipment Corp.
Forma Scientific
Heat Systems-Ultrasonics, Inc.
Interex Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Lab Fabricators Co.
Nuclear Associates

HOT PLATES - see also
heaters

American Scientific Products
The Anspec Co., Inc.
Bel-Art Products
Chemtrix, Inc.
Chromalox
Cole-Parmer Instrument Co.
Corning Glass Works
DynaLab Corp.
Fisher Scientific Co.
Ernest F. Fullam, Inc.
Gallenkamp
Apparatus
Hengar Co. Div.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Laboratory Craftsmen, Inc.
LINDBERG
PHI
Pierce Chemical Co.
PMC Industries, Inc.
Precision Scientific, Inc.
Sargent-Welch Scientific Co.
Sepor, Inc.
Tekmar Co.
Thermolyne Corp.
Thomas Scientific
Troemner, Inc.
VWR Scientific
Whatman Inc.
Wilkins-Anderson Co.

HUMIDIFIERS

Abbeon Cal, Inc.
The Boc Group, Inc.
Heat Systems-Ultrasonics, Inc.

HUMIDITY CABINETS

Blue M
B-M-A, Inc.
Cincinnati Sub-Zero Products,
Inc.
Crosby Valve & Gage Co.
Despatch Industries, Inc.
Forma Scientific
Gallenkamp

4

Instruments, Equipment & Supplies

Concerned about FTIR data system obsolescence?

Analect Open Architecture may be your solution

Perhaps you currently have a high priced FTIR with a 20 bit computer — or you're considering buying a research grade instrument but don't want to get stuck with a dead end data system or unsupported software.

You've seen the rapid progress of the PC industry and wish that your FTIR could take advantage of the myriad of add-on hardware and software now available. But most FTIR manufacturers offer you only special purpose computers, obscure operating systems, and maddeningly complex software. Perhaps they've even told you that computer industry standards are not consistent with research grade performance.

Fortunately, it just isn't so.

Research grade FTIR redefined

Analect's RFX-65 and -75 are the first FTIR spectrometers to combine PC industry compatibility with the data processing speed and power you need for research grade performance. The secret is Analect Open Architecture, a unique distributed data processing system which uses a PC/AT compatible central processor for user control and specialized processors for such functions as data collection, high speed FFT, and spectral manipulation.

With Analect Open Architecture, data system expandability and flexibility are virtually unlimited. Individual modules are linked via SPECTRANET™, Analect's high speed LAN communications system, allowing a single CPU to control up to 14 optical heads and two data terminals. And third party peripherals can be added at will.

Wide open possibilities

The MS/DOS operating system lets you draw on thousands of existing pro-

grams or easily create your own. Hardware choices are equally extensive, including laser printers and optical disk storage units. And don't worry about all the spectral data you've collected on your old 20 bit machine. Just port it over to our RFX. There's plenty of room to store it on hard disk, laser disk, or tape drive.

Open architecture's building block expandability extends to the optics as well. Analect's unique OPTIBUS™ system lets you add any number of sampling peripherals — including IR microscopes and TLC/IR interface systems — and automatically switch between them without disassembly, optical alignment, or loss of purge.

Uncompromising performance

A standard array processor plus the permanently aligned OMNISEPT™ cube interferometer provides a high level of spectroscopic performance, including rapid data acquisition, resolution to $1/8 \text{ cm}^{-1}$ and the best stability of any research grade FTIR.

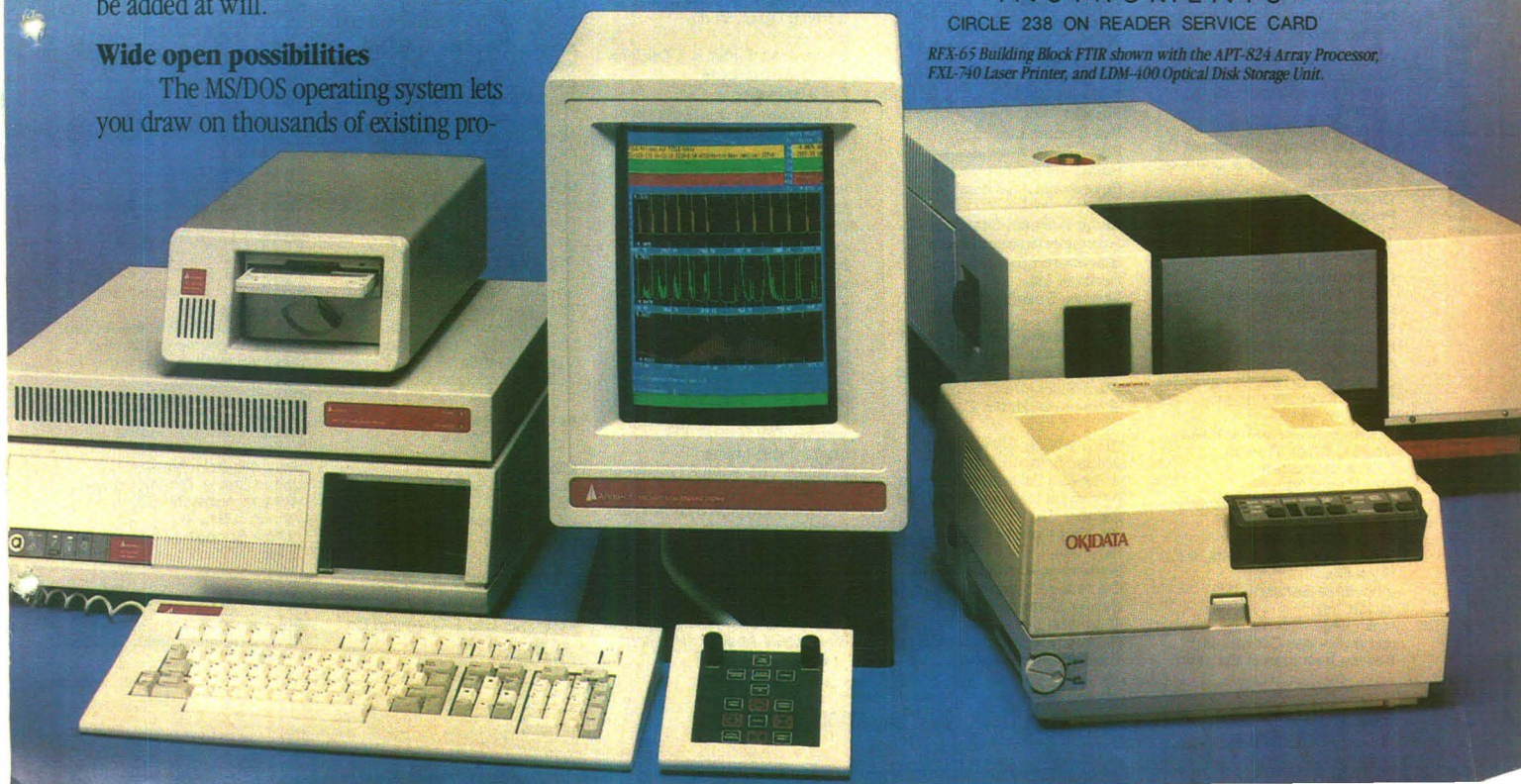
Research grade performance, expandability, and computer industry compatibility insure that an RFX system will meet all of your FTIR needs today and for years to come.

For full details call or write today. 17819 Gillette Ave., Irvine, CA 92714. West: (714) 660-8801; East: (800) 334-3433.

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Analect
INSTRUMENTS

CIRCLE 238 ON READER SERVICE CARD

RFX-65 Building Block FTIR shown with the APT-824 Array Processor, FXL-740 Laser Printer, and LDM-400 Optical Disk Storage Unit.



HUMIDITY CABINETS HYGROTHERMOGRAPHS

Harvard Apparatus
Hotpack Corp.
Koehler Instrument Co., Inc.
Lab-Line Instruments, Inc.
Napco
Precision Scientific, Inc.
Ransco Industries, Inc.
RESCO Scientific Co.
Scientific Systems Corp.
Singleton Corp.
Stanton Redcroft
Tenney Engineering, Inc.
Vista Scientific Corp.
Webber Manufacturing Co., Inc.

HUMIDITY INDICATORS, CONTROLLERS, RECORDERS - see individual listings

HYDROCARBON ANALYZERS - see combustion equipment

HYDROGEN ANALYZER, NMR

Newport of North America, Inc.
Sensidyne, Inc.

HYDROGEN ANALYZERS - see combustion equipment

HYDROGEN FLAME IGNITER

Alltech Associates/Applied
Science

HYDROGEN FLUORIDE ANALYZERS

ANACON
CEA Instruments, Inc.
DEVCO Engineering, Inc.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
Hach Co.
Ionics, Inc.
MDA Scientific, Inc.
Mine Safety Appliances Co.
PCP, Inc.
Sanda, Inc.
Sensidyne, Inc.
United Technical Corp.

HYDROGEN ION APPARATUS

electrodes - see electrodes,
pH

electrometers - see also
radiation equipment

Analog Technology Corp.
Analytical Measurements, Inc.
Eco Instruments
Keithley Instruments, Inc.
Nuclide Corp.
Philips Export B.V.

pH comparators

Analytical Measurements, Inc.
Cole-Parmer Instrument Co.
Hach Co.
Kernco Instruments Co., Inc.
LaMotte Chemical Products Co.
Northern Technical & Chemical
Services
Orbeco Analytical Systems, Inc.
Prolabo
Thomas Scientific
Wallace & Tiernan

pH controllers

Analytical Measurements, Inc.
Balsbaugh, Inc.
Barnant Co.
B. Braun Instruments
Brinkmann Instruments, Inc.
Cambridge Scientific Industries
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
Extech Instruments
F & J Scientific
FIATron Laboratory Systems
Fisher Scientific Co.
The Foxboro Company
Great Lakes Instruments, Inc.
Hach Co.
Innovative Sensors, Inc.
Ionics, Inc.
Ivek Corp.
Jumo Process Control, Inc.
Kernco Instruments Co., Inc.

Kruger & Eckels, Inc.
Leeds & Northrup Instruments
LFE Corp., Instrument Div.
Luft Instruments, Inc.
Martek Instruments, Inc.
New Brunswick Scientific Co.,
Inc.
Northern Technical & Chemical
Services
Omega Engineering, Inc.
Orbeco Analytical Systems, Inc.
Philips Export B.V.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rexnord Instrument Products
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Serfilco, Ltd.
Triplex Systems, Inc.
Tudor Scientific Glass Co.
Waltham Chemical Pump Corp.

pH meters

Amber Science, Inc.
American Scientific Products
Analytical Measurements, Inc.
Beckman Instruments, Inc.
Bico, Inc.
B. Braun Instruments
Brinkmann Instruments, Inc.
Cambridge Scientific Industries
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
EM Corp.
Engineered Systems & Designs
Extech Instruments
F & J Scientific
Fisher Scientific Co.
The Foxboro Company
Gallenkamp
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Great Lakes Instruments, Inc.
Hach Co.
HNU Systems, Inc.
Horiba Instruments, Inc.
IBM Instruments, Inc.
Innovative Sensors, Inc.
Jumo Process Control, Inc.
Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Metrohm
Myron L Co.
Nester Instruments
Northern Technical & Chemical
Services
Nova Analytical
Omega Engineering, Inc.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Pharmacia, Inc.
Phenomenex
Philips Export B.V.
Pope Scientific, Inc.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Schneider Instrument Co.
Science/Electronics, Inc.
Serfilco, Ltd.
Thomas Scientific
Tousimis
Toyo Kagaku Sangyo Co. Ltd.
Tudor Scientific Glass Co.
United States Testing Co., Inc.
VWR Scientific
Wilkins-Anderson Co.

pH meters, direct reading

Amber Science, Inc.
Analytical Measurements, Inc.
Barnant Co.
Beckman Instruments, Inc.
Bico, Inc.
Brinkmann Instruments, Inc.
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
EM Corp.
Engineered Systems & Designs
Extech Instruments
F & J Scientific
FIATron Laboratory Systems
Fisher Scientific Co.
The Foxboro Company
Gallenkamp
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Great Lakes Instruments, Inc.
Hach Co.
Horiba Instruments, Inc.
Innovative Sensors, Inc.
Kahl Scientific Instrument Corp.
Kel Instruments Co., Inc.
Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Martek Instruments, Inc.
Myron L Co.
Nester Instruments
Northern Technical & Chemical
Services
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Philips Export B.V.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Schneider Instrument Co.
Science/Electronics, Inc.
Serfilco, Ltd.
Thomas Scientific
Tousimis
Toyo Kagaku Sangyo Co. Ltd.
Tudor Scientific Glass Co.
United States Testing Co., Inc.
VWR Scientific
Wilkins-Anderson Co.

pH meters, digital

Amber Science, Inc.
American Scientific Products
Analytical Measurements, Inc.
Barnant Co.
Beckman Instruments, Inc.
Bico, Inc.
Brinkmann Instruments, Inc.
Cambridge Scientific Industries
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works

EM Corp.
Engineered Systems & Designs
Extech Instruments
F & J Scientific
FIATron Laboratory Systems
Fisher Scientific Co.
Gallenkamp
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Great Lakes Instruments, Inc.
Haake Buchler Instruments, Inc.
Hach Co.
HNU Systems, Inc.
Horiba Instruments, Inc.
IBM Instruments, Inc.
Innovative Sensors, Inc.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Kernco Instruments Co., Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Linear Instruments Corp.
Martek Instruments, Inc.
Metrohm
Nester Instruments
Northern Technical & Chemical
Services
Nova Analytical
Omega Engineering, Inc.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Phenomenex
Philips Export B.V.
Pope Scientific, Inc.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Science/Electronics, Inc.
Serfilco, Ltd.
Tekmar Co.
Thomas Scientific
Triplex Systems, Inc.
Tudor Scientific Glass Co.
United States Testing Co., Inc.
VWR Scientific
Wheaton Scientific
Wilkins-Anderson Co.

pH meters, direct reading

Amber Science, Inc.
Analytical Measurements, Inc.
Barnant Co.
Beckman Instruments, Inc.
Bico, Inc.
Brinkmann Instruments, Inc.
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
EM Corp.
Engineered Systems & Designs
Extech Instruments
F & J Scientific
FIATron Laboratory Systems
Fisher Scientific Co.
The Foxboro Company
Gallenkamp
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Great Lakes Instruments, Inc.
Hach Co.
Horiba Instruments, Inc.
Innovative Sensors, Inc.
Kahl Scientific Instrument Corp.
Kel Instruments Co., Inc.
Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Martek Instruments, Inc.
Myron L Co.
Nester Instruments
Northern Technical & Chemical
Services
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Philips Export B.V.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Schneider Instrument Co.
Science/Electronics, Inc.
Serfilco, Ltd.
Thomas Scientific
Tousimis
Toyo Kagaku Sangyo Co. Ltd.
Tudor Scientific Glass Co.
United States Testing Co., Inc.
VWR Scientific
Wilkins-Anderson Co.

pH meters, digital

Amber Science, Inc.
American Scientific Products
Analytical Measurements, Inc.
Barnant Co.
Beckman Instruments, Inc.
Bico, Inc.
Brinkmann Instruments, Inc.
Cambridge Scientific Industries
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works

Sargent-Welch Scientific Co.
Serfilco, Ltd.
United States Testing Co., Inc.
VWR Scientific
Whatman Inc.

pH meters, null balance

Beckman Instruments, Inc.
Bico, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
Rainin Instrument Co., Inc.

pH meters, recording

Analytical Measurements, Inc.
Bailey Controls Co.
Barnant Co.
Beckman Instruments, Inc.
Bico, Inc.
Brinkmann Instruments, Inc.
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
FIATron Laboratory Systems
Fisher Scientific Co.
The Foxboro Company
Great Lakes Instruments, Inc.
Innovative Sensors, Inc.
Jumo Process Control, Inc.
Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
Leeds & Northrup Instruments
Linear Instruments Corp.
Martek Instruments, Inc.
Northern Technical & Chemical
Services
Nova Analytical
Orbeco Analytical Systems, Inc.
Philips Export B.V.
Pye Unicam Ltd.
Radiometer America, Inc.
Rainin Instrument Co., Inc.
Rosemount Analytical/Uniloc
Div.

Sargent-Welch Scientific Co.
Schneider Instrument Co.
Science/Electronics, Inc.
Serfilco, Ltd.
Sierra/Misco, Inc.
Triplex Systems, Inc.
Tudor Scientific Glass Co.

pH standards

Aldrich Chemical Co., Inc.
Amber Science, Inc.
American Scientific Products
Analytical Measurements, Inc.
Analytical Products, Inc.
Anderson Laboratories, Inc.
Beckman Instruments, Inc.
Bico, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Crippen Laboratories, Inc.
Fisher Scientific Co.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
LaMotte Chemical Products Co.
Northern Technical & Chemical
Services
Nova Analytical
Orbeco Analytical Systems, Inc.
Orion Research Inc.
PMC Industries, Inc.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rosemount Analytical/Uniloc
Div.
Sargent-Welch Scientific Co.
Thomas Scientific
Tudor Scientific Glass Co.
United States Testing Co., Inc.
VWR Scientific
Wilkins-Anderson Co.

potentiometers - see potentiometers

other

Engineered Systems & Designs
Hach Co.
LKB Instruments, Inc.
Serfilco, Ltd.

HYDROGEN SULFIDE ANALYZERS

American Gas & Chemical Co.,
Ltd.
ANACON

Andersen Samplers, Inc.
Antek Instruments, Inc.
Calibrated Instruments, Inc.
CEA Instruments, Inc.
CHEMetrics, Inc.
Columbia Scientific Industries
Corp.
Core Laboratories
DEVCO Engineering, Inc.
Dionex Corp.
Dohrmann
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
EG&G Princeton Applied
Research
The Foxboro Company
Interscan Corp.
Ionics, Inc.
Jerome Instrument Corp.
MDA Scientific, Inc.
Mine Safety Appliances Co.
Monitor Labs, Inc.
National Draeger, Inc.
Orbeco Analytical Systems, Inc.
PCP, Inc.
Perkin-Elmer Corp.
Process Analyzers, Inc.
Sensidyne, Inc.
Teledyne Analytical Instruments
Tracor Atlas, Inc.
Tracor Instruments
United Technical Corp.
Universal Sensors

HYDROGENATION APPARATUS

Parr Instrument Co.
Prolabo
Supelco, Inc.
Tracor Atlas, Inc.

HYDROLOGICAL INSTRUMENTS

Sierra/Misco, Inc.

HYDROMETERS

Automation Products, Inc.
Brooklyn Thermometer Co., Inc.
Cole-Parmer Instrument Co.
General Drug & Chemical Corp.
H-B Instrument Co.
Kahl Scientific Instrument Corp.
Koehler Instrument Co., Inc.
Princo Instruments, Inc.
Prolabo
Thermometer Corp. of America
United States Testing Co., Inc.
Wilkins-Anderson Co.

HYGROMETERS

Airflow Developments (Canada),
Ltd.
The Anspec Co., Inc.
Atkins Technical, Inc.
Brooklyn Thermometer Co., Inc.
Cole-Parmer Instrument Co.
Cosa Instrument Corp.
Crosby Valve & Gage Co.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
Extech Instruments
Forma Scientific
General Eastern Instruments
Corp.
Harvard Apparatus
H-B Instrument Co.
Honeywell, Inc.
Honeywell, Inc., Industrial
Controls Div.
Kahl Scientific Instrument Corp.
Kernco Instruments Co., Inc.
Lab-Line Instruments, Inc.
Panametrics, Inc.
Phys-Chemical Research Corp.
Prolabo
Sargent-Welch Scientific Co.
Sepor, Inc.
Shaw Moisture Meters
United States Testing Co., Inc.
Wilkins-Anderson Co.
Yamato USA, Inc.
Yellow Springs Instrument Co.,
Inc.

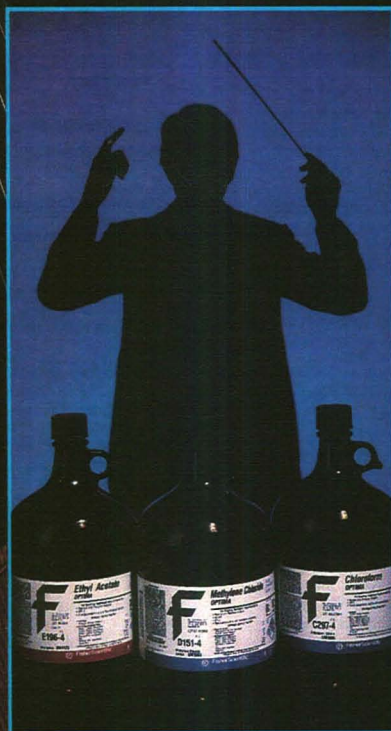
HYGROTHERMOGRAPHS

Abbeon Cal, Inc.
Airflow Developments (Canada),
Ltd.

4

Instruments, Equipment & Supplies

Conduct a Great Analytical Performance



Just as a fine violin needs a talented player to make beautiful music, a sophisticated analytical instrument requires ultrapure solvents to perform at its **maximum** potential. Fisher Scientific's new **Optima™** solvents were developed specifically to showcase the **ultimate performance capabilities** of your analytical equipment.

Versatile "instrumentalists", **Optima** solvents exceed the stringent specifications for today's highly sensitive instruments and detectors. These superior solvents will more than satisfy the demanding requirements of your applications in:

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| ■ Acetone | ■ Toluene |
| ■ Iso-Propanol | ■ Petroleum Ether |
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Scientific**

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Bacharach, Inc.
Bristol Babcock Inc.
Cole-Parmer Instrument Co.
Forma Scientific
Kahl Scientific Instrument Corp.
Prolabo
Sierra/Misco, Inc.
Weksler Instruments Corp.

IMAGE ANALYZER

Analytic Parameters
Artek Systems Corp.
Buehler Ltd.
Columbus Instruments
International Corp.
Dapple Systems
EDAX International, Inc.
EG&G Gamma Scientific
General Electric Co.
Leco Corp.
LeMont Scientific, Inc.
Marco Scientific, Inc.
Nikon, Inc.
Nuclear Associates
Olympus Corp.
Princeton Gamma Tech
Reichert-Jung, Cambridge
Instruments, Inc.
Shape Technology, Ltd.
Unifon Instruments, Inc.
UTI Instruments Co.
Yamato USA, Inc.
Carl Zeiss, Inc.

IMMUNOCHEMISTRY SYSTEMS

Beckman Instruments, Inc.
Bellco Glass, Inc.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Coulter Electronics, Inc.
Duke Scientific Corp.
Haake Buchler Instruments, Inc.
Seragen Diagnostics, Inc.
Vector Laboratories, Inc.

IMPEDANCE BRIDGES

Biddle Instruments
EG&G Princeton Applied
Research
Hewlett-Packard Co.
Leeds & Northrup Instruments
Marconi Instruments

INCUBATOR ROOMS

Forma Scientific
Hotpack Corp.
Lab-Line Instruments, Inc.
Percival Mfg. Co., Inc.
Queue Systems
REVCO Scientific Co.
Scientific Systems Corp.
Tenney Engineering, Inc.
Vista Scientific Corp.

INCUBATORS

American Scientific Products
Ames Co.
Bellco Glass, Inc.
Bico, Inc.
Blue M
The Boc Group, Inc.
Boekel Industries, Inc.
Clay Adams
Cole-Parmer Instrument Co.
Coy Laboratory Products
E-C Apparatus Corp.
Fisher Scientific Co.
Forma Scientific
Gallenkamp
Hach Co.
Hotpack Corp.
Lab-Line Instruments, Inc.
Millipore Corp.
Napco
Northern Technical & Chemical
Services
Percival Mfg. Co., Inc.
Precision Scientific, Inc.
Prolabo
Queue Systems
REVCO Scientific Co.
Sargent-Welch Scientific Co.
Tekmar Co.
Tenney Engineering, Inc.
Thermolyne Corp.
VWR Scientific
Wheaton Scientific

Wilkens-Anderson Co.
Yamato USA, Inc.

INCUBATORS, CO₂

Bellco Glass, Inc.
Forma Scientific
Lab-Line Instruments, Inc.
Napco
Northern Technical & Chemical
Services
Precision Scientific, Inc.
Queue Systems
Tekmar Co.
Yamato USA, Inc.

INDICATORS

color changing

Ames Co.
Analabs
J. T. Baker Chemical Co.
BBL Microbiology Systems
DEVCO Engineering, Inc.
Fisher Scientific Co.
Fluka Chemical Corp.
W. R. Grace & Co.
Hach Co.
W. A. Hammond Drierite Co.
Hunter Associates Laboratory,
Inc.
LabClear
LaMotte Chemical Products Co.
Life Technologies, Inc.
National Draeger, Inc.
Orbco Analytical Systems, Inc.
Polysciences, Inc.
Professional Tape Co.
Prolabo
Teledyne Analytical Instruments
Thomas Scientific
Tracor Atlas, Inc.
Whatman Inc.

fluid pressure

Bailey Controls Co.
Dieterich Standard
Elnik Instruments, Inc.
Exttech Instruments
Honeywell, Inc., Industrial
Controls Div.
ITT Barton Instruments
MKS Instruments, Inc.
Omega Engineering, Inc.

humidity

Abbeon Cal, Inc.
Airflow Developments (Canada),
Ltd.
Analabs
Atkins Technical, Inc.
Bacharach, Inc.
Benchmark Industries, Inc.
Bristol Babcock Inc.
Brooklyn Thermometer Co., Inc.
Cel/Milton Roy
Cole-Parmer Instrument Co.
Dranetz Technologies, Inc.
Elnik Instruments, Inc.
Exttech Instruments
Fenwal Electronics/APD
Paul Gardner Co., Inc.
W. A. Hammond Drierite Co.
Hankison Corp.
H-B Instrument Co.
HI-Q Environmental Products Co.
Honeywell, Inc., Industrial
Controls Div.
Kahl Scientific Instrument Corp.
LabClear
Omega Engineering, Inc.
Panametrics, Inc.
Phys-Chemical Research Corp.
Princo Instruments, Inc.
Sargent-Welch Scientific Co.
Sepor, Inc.
Shaw Moisture Meters
Sierra/Misco, Inc.
The Superior Electric Co.
Texas Electronics, Inc.
Yellow Springs Instrument Co.,
Inc.

moisture

Analabs
J. T. Baker Chemical Co.
Benchmark Industries, Inc.
Cel/Milton Roy
Cem Corp.
Chemtrix, Inc.
Cosa Instrument Corp.
EG&G International, Inc.
Elnik Instruments, Inc.

Fenwal Electronics/APD
Paul Gardner Co., Inc.
W. R. Grace & Co.
W. A. Hammond Drierite Co.
H-B Instrument Co.
HI-Q Environmental Products Co.
Honeywell, Inc., Industrial
Controls Div.
Kahl Scientific Instrument Corp.
Kay-Ray, Inc.
LabClear
LFE Corp., Instrument Div.
Matheson Gas Products
The Ohmart Corp.
Panametrics, Inc.
Shaw Moisture Meters
Teledyne Analytical Instruments
Texas Nuclear

temperature

Airflow Developments (Canada),
Ltd.
Alnor Instrument Co.
Amprobe Instrument
Analytical Products, Inc.
Atkins Technical, Inc.
Bacharach, Inc.
Bailey Controls Co.
Barnes Engineering Co.
Benchmark Industries, Inc.
Biddle Instruments
C. W. Brabender Instruments,
Inc.
Bristol Babcock Inc.
Brooklyn Thermometer Co., Inc.
Capital Controls Co., Inc.
Chemtrix, Inc.
Chromalox
Cole-Parmer Instrument Co.
Cryo-Med
Doric Scientific
Dranetz Technologies, Inc.
Electrothermal, Inc.
Elnik Instruments, Inc.
Engelhard Corp.
Eugene Ernst Products Co.
Exttech Instruments
Fenwal Electronics/APD
FTS Systems, Inc.
Paul Gardner Co., Inc.
Glas-Col Apparatus Co.
Harris Mfg. Co., Inc.
H-B Instrument Co.
Hewlett-Packard Co.
HI-Q Environmental Products Co.
Honeywell, Inc., Industrial
Controls Div.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Kaye Instruments, Inc.
Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
Lab Glass, Inc.
Lake Shore Cryotronics, Inc.
Leeds & Northrup Instruments
The Lewis Engineering Co.
LFE Corp., Instrument Div.
Omega Engineering, Inc.
Precision Digital Corp.
Princo Instruments, Inc.
Professional Tape Co.
Prolabo
The Pyrometer Instrument Co.,
Inc.
RdF Corp.
Sargent-Welch Scientific Co.
Sensortek, Inc.
Sepor, Inc.
Sierra/Misco, Inc.
Solder Absorbing Technology,
Inc.
The Superior Electric Co.
Teco Manufacturing Co.
Texas Electronics, Inc.
Thermo Electric Co., Inc.
Thermo Electric Controls Co.
The VirTis Co.
Wilkerson Instrument Co., Inc.
Yellow Springs Instrument Co.,
Inc.

INDUCTANCE BRIDGES

Hewlett-Packard Co.
Marconi Instruments
Racal-Dana Instruments, Inc.
Rutherford Research

**INFRARED CELLS - see cells,
UV and IR**

**INFRARED SOURCES - see
lamps and light sources,
infrared**

INTEGRATOR CHART

Dianachart, Inc.
Esterline Angus Instrument
Corp.
Honeywell, Inc., Industrial
Controls Div.
LKB Instruments, Inc.
LKB Produkter AB
Pharmacia, Inc.
Pye Unicam Ltd.
Sargent-Welch Scientific Co.
Varian Instrument Group

**INTEGRATORS - see radiation
equipment**

INTEGRATORS, current

Analog Technology Corp.
Eco Instruments
EG&G Ortec
EG&G Princeton Applied
Research
The Electrosynthesis Co.
Nuclide Corp.
Nuclide Corp., AGV Div.
Rapid Power Technologies
Teledyne Philbrick
Wilkerson Instrument Co., Inc.

INTEGRATORS, digital

ABI Analytical/Kaatos Div.
The Anspec Co., Inc.
Antek Instruments, Inc.
Applied Automation, Inc.
Baseline Industries, Inc.
Bio-Rad Laboratories
C. W. Brabender Instruments,
Inc.
Buck Scientific, Inc.
Eco Instruments
Carlo Erba Strumentazione
S.p.A.
Hewlett-Packard Co.
Kontron AG
Lachat Chemicals, Inc.
Leeds & Northrup Instruments
LKB Produkter AB
Milton Roy Co., LDC Div.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Corp.
Pharmacia, Inc.
Rapid Power Technologies
Spectra-Physics, Autolab Div.
Spectro Products, Inc.
Tegal Scientific, Inc.
Varian Instrument Group
Waters Chromatography
Wilkerson Instrument Co., Inc.

INTERFEROMETERS

ARIES
Bio-Rad Labs., Digilab Div.
Ealing Electro Optics, Inc.
Fish-Schurman Corp.
Gaertner Scientific Corp.
GCA/Tropel Div.
Hewlett-Packard Co.
Hilger Analytical Ltd.
Idealab, Inc.
Itek Corp.
Laboratory Products, Inc.
E. Leitz, Inc.
Mattson Instruments, Inc.
Newport Corp.
Oriel Corp.
Sargent-Welch Scientific Co.
Spectra-Physics, Laser Products
Div.
Spindler & Hoyer, Inc.

ION ANALYZERS

Balzars
Bio-Rad Laboratories
Capital Controls Co., Inc.
Control Equipment Corp.
Corning Glass Works
Dionex Corp.
EG&G Princeton Applied
Research
Exttech Instruments
FIATron Laboratory Systems
Fisher Scientific Co.
Horiba Instruments, Inc.

Nova Analytical
Nova Biomedical
Nuclide Corp.
Orbco Analytical Systems, Inc.
Orion Research Inc.
PCP, Inc.
Pye Unicam Ltd.
Sanda, Inc.
Schneider Instrument Co.
Scientific Technologies
SCIEX
Shimadzu Scientific Instruments,
Inc.
Technicon Industrial Systems
Wescan Instruments, Inc.

ION CHROMATOGRAPHS

The Anspec Co., Inc.
Applied Automation, Inc.
Applied Biosystems, Inc.
Bioanalytical Systems, Inc.
Bio-Rad Laboratories
Brinkmann Instruments, Inc.
Chemtrix, Inc.
Dionex Corp.
EM Science
ESA, Inc.
Kontron AG
Milton Roy Co., LDC Div.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Corp.
Pye Unicam Ltd.
Shimadzu Scientific Instruments
Showa Denko America, Inc.
Tegal Scientific, Inc.
Universal Scientific, Inc.
Varian Instrument Group
Wescan Instruments, Inc.

ION EXCHANGE APPARATUS

AMF Laboratory Products
The Anspec Co., Inc.
Bio-Rad Laboratories
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Crystalab, Inc.
Culligan International Co.
CUNO, Inc.
Dionex Corp.
Dynamab Corp.
Hydro Service & Supplies, Inc.
Illinois Water Treatment Co.
Ionics, Inc.
Kernco Instruments Co., Inc.
Kontes
LKB Instruments, Inc.
LKB Produkter AB
The Permutit Co., Inc.
Pharmacia, Inc.
Polysciences, Inc.
Prolabo
Serfilco, Ltd.
Sethco Div.
Showa Denko America, Inc.
Universal Scientific, Inc.
Varian Instrument Group
Wescan Instruments, Inc.
Wheaton Scientific

ION EXCHANGE COLUMNS

Aldrich Chemical Co., Inc.
AMF Laboratory Products
The Anspec Co., Inc.
Applied Biosystems, Inc.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.,
Altex Div.
Benson Polymeric
Bio-Rad Laboratories
Chemtrix, Inc.
Chrompack, Inc.
Chrompack International B.V.
Cole-Parmer Instrument Co.
Crystalab, Inc.
CUNO, Inc.
Dionex Corp.
E-C Apparatus Corp.
Hamilton Co.
HPLC Technology, Ltd.
Hydro Service & Supplies, Inc.
Illinois Water Treatment Co.
Interaction Chemicals, Inc.
Ionics, Inc.
Isolab, Inc.
J&S Scientific, Inc.
Jasco Inc.
Kontes
LaMotte Chemical Products Co.

**SGE PRESENTS THE AQ5-ULTRABORE SERIES
CAPILLARY COLUMNS.**

A range of aluminium coated fused silica capillary columns with an ID of 0.53mm for use in place of conventional capillary and packed columns.

OUTSTANDING FEATURES:

Superior chromatographic performance : highly inert and exhibiting excellent column to column reproducibility.

No breakdown of aluminium coating with temperature in your GC oven — No annoying unexplained column breakages. Extended column life.

Full range of popular bonded phases from low polarity BP1 (OV-1,SE30) to the more polar BP20 (CW20M) phases.

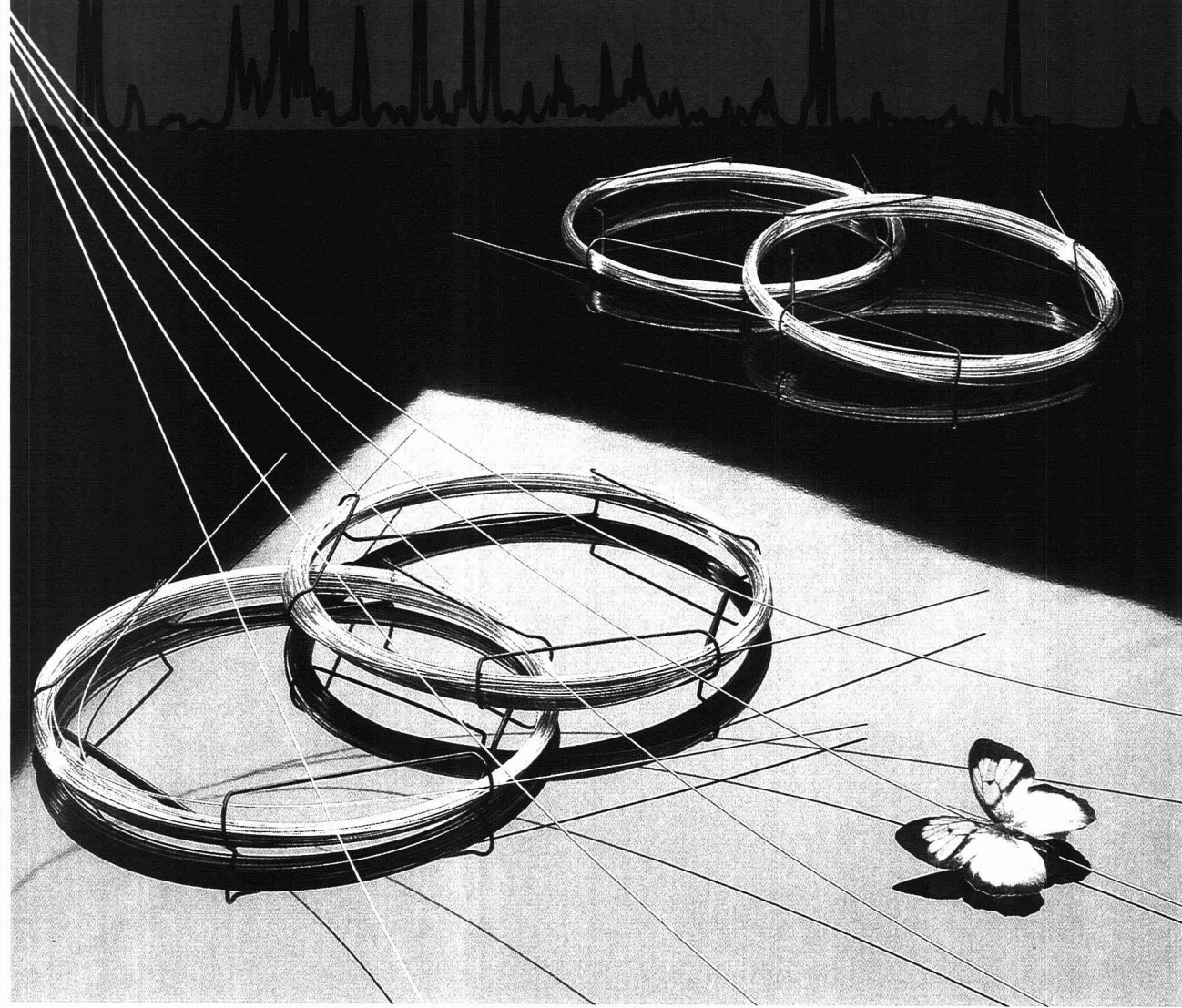
No outgassing of outer coating to interfere with highly sensitive detectors.

Outstanding flexibility : Can be fitted into the oven of any gas chromatograph: Supplied in 1.50mm diameter cages. The high thermal conductivity of aluminium provides optimum heat transfer to the phase coating during temperature programming: improved chromatographic performance.

Each column supplied with its own individual test Chromatogram and performance characteristics.

AQ Series columns can be used with existing instruments fitted with 0.53mm ID Capillary Adaptors.

Talk to SGE about their premium range of adaptors and connectors to convert your existing packed column chromatograph for use with capillary columns.



THE NEW PATH IN CAPILLARY COLUMN TECHNOLOGY

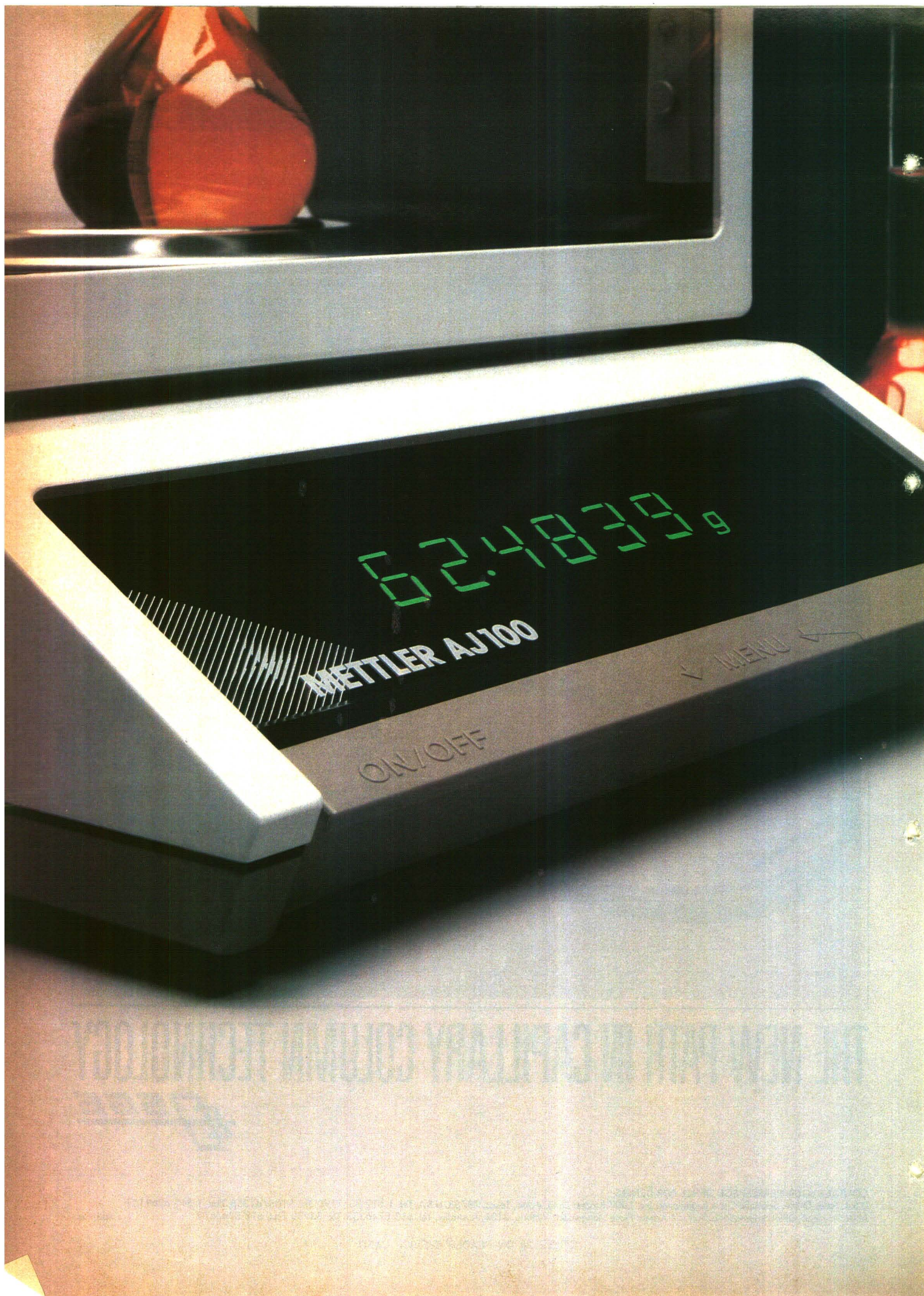


CONTACT YOUR NEAREST SGE OFFICE FOR DETAILS:

U.S.A. Sales Office: Scientific Glass Engineering Inc. 2007 Kramer Lane, Austin, Texas, 78758, U.S.A. Tel: 1 512 8377190, Tlx: 9108741358, Fax: 1 512 8369159
Australia-Head Office/International Sales: 7 Argent Place, Ringwood, Victoria, 3134, Australia., Tel: 613 8746333, Tlx: 33930, Fax: 613 8745672

SGE - cap 1

CIRCLE 28 ON READER SERVICE CARD



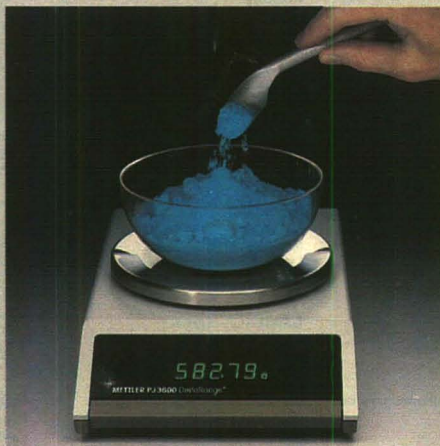


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When all you need is the weight, METTLER's new J Series delivers results as only METTLER can. They're built in the METTLER tradition – but brought to you at a new low price, because we took out applications features you may never need. It's designed for users who only need a basic balance, but demand the performance of a METTLER.

Built with METTLER quality. Backed by METTLER service. Bringing confidence to your work. It's an extra balance to increase productivity in your laboratory. It's a back-up balance to help you through a heavy workload. Or it's an easy-to-use electronic balance for the classroom. It's METTLER's basic balance. The J Series – seven new precision balances with capacities from



310 g to 6000 g, readabilities from 0.001 g to 0.1 g, and one new analytical with a 110 g capacity, readability to 0.1 mg. For complete information and a copy of our J Series brochure call 1-800-METTLER, in New Jersey (609) 448-3000 or write Mettler Instrument Corporation, Box 71, Hightstown, NJ 08520.

We understand.
Precisely.

METTLER

CIRCLE 19 ON READER SERVICE CARD

LKB Instruments, Inc.
Medro Systems, Inc.
Milton Roy Co., LDC Div.
Perkin-Elmer Corp.
The Permutit Co., Inc.
Pharmacia, Inc.
Phase Separations, Inc.
Phenomenex
Pickering Laboratories, Inc.
Pierce Chemical Co.
Polymer Laboratories, Inc.
Rainin Instrument Co., Inc.
Scientific Glass & Instruments
Showa Denko America, Inc.
The Separations Group
Serfilco, Ltd.
Supelco, Inc.
SynChrom, Inc.
Universal Scientific, Inc.
Varian Instrument Group
Waters Chromatography
Wescan Instruments, Inc.
Whatman Inc.

ION EXCHANGE MEMBRANES

AMF Laboratory Products
The Ansco Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
CUNO, Inc.
Eco Instruments
The Electrosynthesis Co.
Ionics, Inc.
Medro Systems, Inc.
Polysciences, Inc.
Schleicher & Schuell, Inc.
Tegal Scientific, Inc.

ION EXCHANGE RESINS - see Chemicals, ion exchange resins

ISOTOPE LABORATORY EQUIPMENT - see radiation equipment

JACKS, laboratory

Ace Glass, Inc.
American Scientific Products
Barnant Co.
Boekel Industries, Inc.
Fred S. Carver Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Dynalab Corp.
Ealing Electro Optics, Inc.
Gallenkamp
Paul Gardner Co., Inc.
Haake Buchler Instruments, Inc.
Harvard Apparatus
Hengar Co. Div.
HI-Q Environmental Products Co.
Instruments For Research &
Industry
Kontes
Lab Glass, Inc.
Lab-Line Instruments, Inc.
LaJolla Scientific Co., Inc.
H. S. Martin, Inc.
Midland Ross
New York Laboratory Supply
Co., Inc.
Oriel Corp.
Precision Scientific, Inc.
Prolabo
Research Products International
Corp.
Sargent-Welch Scientific Co.
Sepor, Inc.
Stoelting Co.
Thomas Scientific
Troemner, Inc.
Universal Scientific, Inc.
VWR Scientific
Wilkens-Anderson Co.

JARS

American Scientific Products
Bel-Art Products
Brockway, Inc.
Corning Glass Works
Dynalab Corp.
General Drug & Chemical Corp.
Kimble Div.
Lab Glass, Inc.
Nalge Co.
Pierce Chemical Co.
Scientific Specialties Service,
Inc.
Tech Glass Co., Inc.

Thomas Scientific
Universal Scientific, Inc.
Wale Apparatus Co.
Wheaton Scientific
Wilkens-Anderson Co.

KETTLES, reaction - see reactors

KILNS, high temperature research

Accutherm, Inc.
Aremco Products, Inc.
Astro Div., Thermal Technology,
Inc.
Harrop Industries, Inc.
LeMont Scientific, Inc.
LINDBERG
Lucifer Furnaces, Inc.
Norton Co. (Mass.)
Sepor, Inc.
United Technical Corp.

KITS, analysis, testing, and sampling

Analabs
Astro International Corp.
Baird Corp.
R. P. Cargille Labs., Inc.
CHEMetrics, Inc.
Crippen Laboratories, Inc.
DEVCO Engineering, Inc.
ESA, Inc.
Fisher Scientific Co.
Fluka Chemical Corp.
Hach Co.
Koslow Scientific Co.
LaMotte Chemical Products Co.
Mine Safety Appliances Co.
New England Nuclear
Orboco Analytical Systems, Inc.
PolyScience Corp.
Prolabo
Sigma Chemical Co.
Spectrum Medical Industries,
Inc.
Structure Probe, Inc.
Sunshine Technology Corp
Thomas Scientific
Transidyne General Corp.
Wheaton Scientific

KJELDAHL APPARATUS, macro

Ace Glass, Inc.
Antek Instruments, Inc.
Brinkmann Instruments, Inc.
Buchi
Cem Corp.
Corning Glass Works
Electrothermal, Inc.
EM Science
Gallenkamp
Haake Buchler Instruments, Inc.
Kimble Div.
Kontes
Labconco Corp.
Lab Glass, Inc.
Sargent-Welch Scientific Co.
Scientific Glass & Instruments,
Inc.
Tecator, Inc.
Techne Incorporated
Technicon Industrial Systems
Tegal Scientific, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
UIC, Inc.
Wilkens-Anderson Co.

KJELDAHL APPARATUS, micro

Antek Instruments, Inc.
Brinkmann Instruments, Inc.
Buchi
Corning Glass Works
Electrothermal, Inc.
EM Science
George Fischer Foundry
Systems, Inc.
Gallenkamp
Haake Buchler Instruments, Inc.
Hach Co.
Kimble Div.
Kontes
Labconco Corp.
Prolabo
Scientific Glass & Instruments,
Inc.
SGA Scientific Inc.

Tecator, Inc.
Tech Glass Co., Inc.
Techne Incorporated
Technicon Industrial Systems
Tegal Scientific, Inc.
Thomas Scientific
Wilkens-Anderson Co.

LABEL MARKING DEVICES

Altech Associates/Applied
Science
Bel-Art Products
Cole-Parmer Instrument Co.
Dynalab Corp.
Ejay International
Gulton Graphic Instruments Div.
Nalge Co.
Professional Tape Co.
Universal Scientific, Inc.

LABELS

Altech Associates/Applied
Science
American Scientific Products
The Ansco Co., Inc.
Bel-Art Products
Chemtrix, Inc.
DEVCO Engineering, Inc.
Dynalab Corp.
Elkay Products, Inc.
General Drug & Chemical Corp.
Hanovia, Inc.
ICN Biomedicals
Interex Corp.
Laboratory Supplies Co., Inc.
Lab Safety Supply Co.
Nalge Co.
Nuclear Associates
Nuclear Equipment Chemical
Corp.
Nuclear Sources & Services,
Inc.
Pierce Chemical Co.
Professional Tape Co.
Research Products International
Corp.
Safety Specialists, Inc.
Sarstedt, Inc.
Thomas Scientific
VWR Scientific
Wale Apparatus Co.
Wilkens-Anderson Co.
Wilma Glass Co., Inc.

LABORATORIES, monitoring, mobile

Buck Scientific, Inc.
Core Laboratories
Hach Co.
Ruska Instrument Corp.
Tegal Scientific, Inc.

LABORATORIES, portable

Bellco Glass, Inc.
Buck Scientific, Inc.
Hach Co.
LaMotte Chemical Products Co.
Orboco Analytical Systems, Inc.
Prolabo
Tegal Scientific, Inc.
United Technical Corp.
Wheaton Scientific

LABORATORY ROOMS (INCLUDING MOVABLE WALLS)

B-M-A, Inc.
Forma Scientific
HEMCO Corp.
Kelvinator Scientific
Lab-Line Instruments, Inc.
Percival Mfg. Co., Inc.
United Technical Corp.
Vista Scientific Corp.

LABORATORY ROBOTICS

Beckman Instruments, Inc.
Benchmark Industries, Inc.
FIATron Laboratory Systems
General Electric Co.
Hamilton Co.
Newport Corp.
Perkin-Elmer Corp.
Precision Systems, Inc.
Tegal Scientific, Inc.
Xyde Corp.
Yamato USA, Inc.

LAMPS AND LIGHT SOURCES

carbon arc

Sargent-Welch Scientific Co.
Spindler & Hoyer, Inc.
Union Carbide Corp., Carbon
Products Div.

deuterium

ABI Analytical/Kratos Div.
Beckman Instruments, Inc.
Bio-Rad Laboratories
Buck Scientific, Inc.
Cathodeon, Ltd.
EG&G Gamma Scientific
George W. Gates & Co., Inc.
Hamamatsu Corp.
Harrick Scientific Corp.
Hellma Cells, Inc.
Japan Spectroscopic Co., Ltd.
Linear Instruments Corp.
McPherson
Oriel Corp.
Perkin-Elmer Corp.
Pye Unicam Ltd.
The Second Source
Sequoia-Turner Corp.
Shimadzu Scientific Instruments,
Inc.
Sigma Chemical Co.
Varian Instrument Group

flashing light

Cathodeon, Ltd.
EG&G Inc., Electro-Optics Div.
Oriel Corp.
PRA International, Inc.
Sargent-Welch Scientific Co.
Xenon Corp.

high intensity

ABI Analytical/Kratos Div.
American Optical Corp.
American Ultraviolet Co.
Dynalab Corp.
EG&G Inc., Electro-Optics Div.
EIMAC
Galileo Electro-Optics Corp.
George W. Gates & Co., Inc.
General Electric Co.
Hamamatsu Corp.
Hanovia, Inc.
E. Leitz, Inc.
Oriel Corp.
Percival Mfg. Co., Inc.
PRA International, Inc.
Sargent-Welch Scientific Co.
Schlueter Instruments Corp.
The Second Source
Spectro Products, Inc.
UVP, Inc.
Wild Heerbrugg Instruments, Inc.
Xenon Corp.

hollow cathode

Allied Analytical Systems
American Scientific Products
Analabs
Buck Scientific, Inc.
Cathodeon, Ltd.
F & J Scientific
Hamamatsu Corp.
Hellma Cells, Inc.
Hilger Analytical Ltd.
International Crystal Labs., Inc.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
Philips Export B.V.
Pye Unicam Ltd.
Spectro Products, Inc.
Tekmar Co.
Varian Instrument Group
Vitro Technology, Ltd.

hydrogen

Ealing Electro Optics, Inc.
Hamamatsu Corp.
Hellma Cells, Inc.
Spectro Products, Inc.
Varian Instrument Group
VICI Metronics, Inc., Condyne
Div.

infrared

Barnes Engineering Co.
Beckman Instruments, Inc.
Bio-Rad Labs., Digilab Div.
Buck Scientific, Inc.
Chromalox
Coherent, Inc.
Ealing Electro Optics, Inc.
EG&G Gamma Scientific

EG&G Inc., Electro-Optics Div.
EIMAC
The Eppley Laboratory, Inc.
Fish-Schurman Corp.
Gallenkamp
George W. Gates & Co., Inc.
General Electric Co.
Harrick Scientific Corp.
Hewlett-Packard Co.
International Crystal Labs., Inc.
Japan Spectroscopic Co., Ltd.
Oriel Corp.
Perkin-Elmer Corp.
Pye Unicam Ltd.
Research, Inc.
Research Devices
Rudolph Instruments, Inc.
Shimadzu Scientific Instruments,
Inc.
Skan-A-Matic Corp.
Wilma Glass Co., Inc.

mercury

ABI Analytical/Kratos Div.
Ace Glass, Inc.
American Ultraviolet Co.
BHK, Inc.
Bio-Rad Labs., Digilab Div.
Buck Scientific, Inc.
Cathodeon, Ltd.
Ealing Electro Optics, Inc.
Farrand Optical Co., Inc.
Gaertner Scientific Corp.
George W. Gates & Co., Inc.
General Electric Co.
General Fiber Optics, Inc.
Hamamatsu Corp.
Hanovia, Inc.
Harrick Scientific Corp.
Hellma Cells, Inc.
Japan Spectroscopic Co., Ltd.
E. Leitz, Inc.
Linear Instruments Corp.
Oriel Corp.
PRA International, Inc.
Rudolph Instruments, Inc.
Sargent-Welch Scientific Co.
Schlueter Instruments Corp.
The Second Source
Sequoia-Turner Corp.
Shimadzu Scientific Instruments,
Inc.
Spectronics Corp.
Spectro Products, Inc.
Spindler & Hoyer, Inc.
UVP, Inc.
Varian Instrument Group
Wild Heerbrugg Instruments, Inc.

point source

ABI Analytical/Kratos Div.
American Ultraviolet Co.
The Ednalite Corp.
EG&G Gamma Scientific
EG&G Inc., Electro-Optics Div.
Fish-Schurman Corp.
Gaertner Scientific Corp.
George W. Gates & Co., Inc.
Hamamatsu Corp.
Hanovia, Inc.
Hellma Cells, Inc.
Oriel Corp.
PRA International, Inc.
Rudolph Instruments, Inc.
Schlueter Instruments Corp.
Xenon Corp.

radiant energy heat

The Boc Group, Inc.
Buck Scientific, Inc.
Chromalox
The Eppley Laboratory, Inc.
General Electric Co.
Research, Inc.

sodium and potassium arc

Gaertner Scientific Corp.
George W. Gates & Co., Inc.
General Electric Co.
Japan Spectroscopic Co., Ltd.
Rudolph Instruments, Inc.
Sargent-Welch Scientific Co.

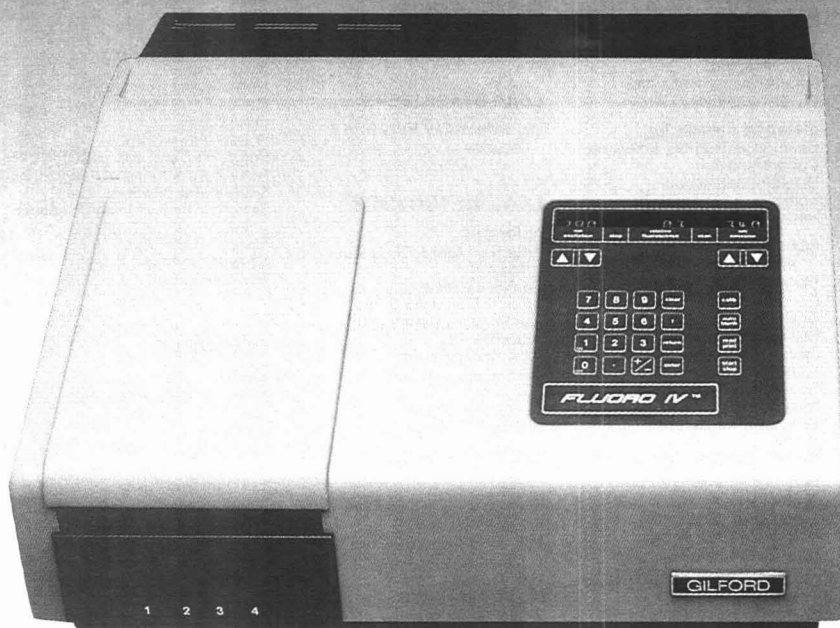
special purpose (neon, argon grain of wheat)

American Ultraviolet Co.
Ealing Electro Optics, Inc.
Hamamatsu Corp.
Union Carbide Corp.
UVP, Inc.
VICI Metronics, Inc., Condyne
Div.

Introducing The Fluoro IV™ Spectrofluorometer

Performs to your high standards

Reinforcing our commitment to listening to our customers, we have combined measuring power, flexibility and simplified operation into a single instrument. The Fluoro IV...developed to meet the demands of researchers, day in and day out.



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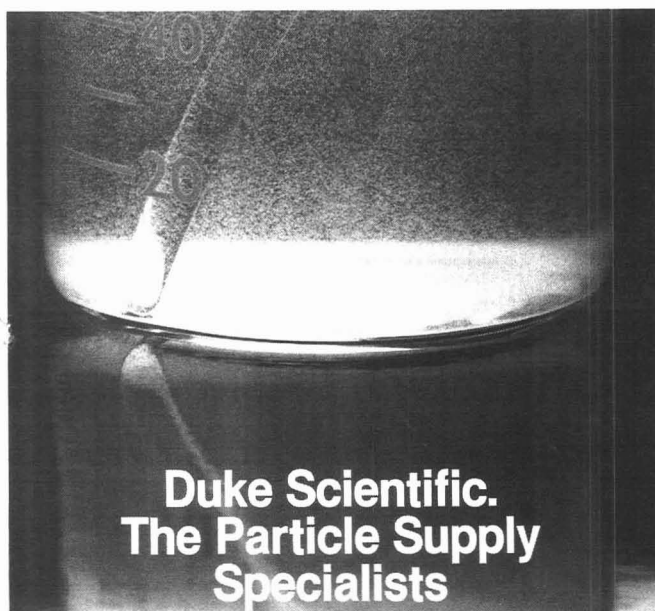
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CIBA-CORNING

Ciba Corning Diagnostics Corp.
Gilford Systems



CIRCLE 295 ON READER SERVICE CARD



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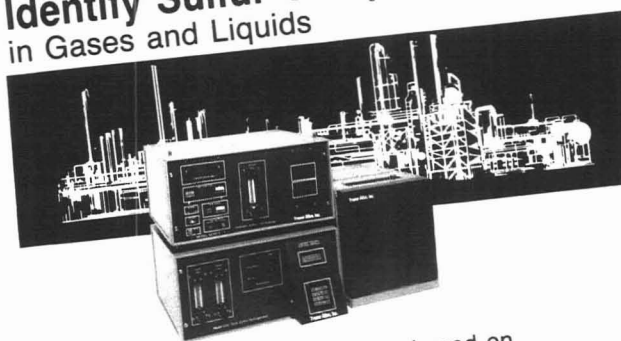


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Japan, Moritex Corporation, Tokyo, 03-476-1457, Telex: J34747
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- Total Sulfur in olefins
- PPB level catalyst protection
- Product purity specifications
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Telex: 75-0197 TRATLAS HOU UD
FAX: 713/462-1831

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CIRCLE 114 ON READER SERVICE CARD

spectral

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Atlantic Ultraviolet Corp.
Bio-Rad Labs., Digilab Div.
Buck Scientific, Inc.
Cathodeon, Ltd.
Ealing Electro Optics, Inc.
EG&G Gamma Scientific
EG&G Inc., Electro-Optics Div.
The Eppley Laboratory, Inc.
George W. Gates & Co., Inc.
Hamamatsu Corp.
Hellma Cells, Inc.
Instruments SA, Inc.
E. Leitz, Inc.
Macbeth
Marconi Instruments
National Spectrographic Laboratories, Inc.
Oriol Corp.
Perkin-Elmer Corp.
Rudolph Instruments, Inc.
Sargent-Welch Scientific Co.
The Second Source
Sequoia-Turner Corp.
Spectronics Corp.
Spindler & Hoyer, Inc.
Union Carbide Corp., Carbon Products Div.
UVP, Inc.
Zeabac Inc.

stroboscopic

Chemtrix, Inc.
EG&G Inc., Electro-Optics Div.
Karl Heitz, Inc.
Kernco Instruments Co., Inc.
Oriol Corp.
PRA International, Inc.
Sargent-Welch Scientific Co.
Wabash Instrument Corp.
Xenon Corp.

ultraviolet

ABI Analytical/Kratos Div.
Ace Glass, Inc.
American Ultraviolet Co.
Analabs
Analtech, Inc.
Atlantic Ultraviolet Corp.
Barnstead Co.
Beckman Instruments, Inc.
BHK, Inc.
Buck Scientific, Inc.
Camag
Cathodeon, Ltd.
Coherent, Inc.
Cole-Parmer Instrument Co.
Ealing Electro Optics, Inc.
EG&G Gamma Scientific
EG&G Inc., Electro-Optics Div.
EIMAC
The Eppley Laboratory, Inc.
Fotodyne, Inc.
Foxboro Analabs
Friedrich & Dimmock, Inc.
Gallenkamp
George W. Gates & Co., Inc.
General Fiber Optics, Inc.
Hamamatsu Corp.
Hanovia, Inc.
Harvard Apparatus
Hellma Cells, Inc.
HI-Q Environmental Products Co.
Japan Spectroscopic Co., Ltd.
Kontes
Leybold-Heraeus Vacuum Products, Inc.
Linear Instruments Corp.
McPherson
Oriol Corp.
Perkin-Elmer Corp.
Perkin-Elmer Corp., Physical Electronics Div.
Phenomenex
Pierce Chemical Co.
Polysciences, Inc.
PRA International, Inc.
Pye Unicam Ltd.
Rudolph Instruments, Inc.
Sargent-Welch Scientific Co.
Schlueter Instruments Corp.
The Second Source
Shimadzu Scientific Instruments, Inc.
Southern New England
Ultraviolet Co.
Spectronics Corp.
Spectro Products, Inc.
Spindler & Hoyer, Inc.
UVP, Inc.
Varian Instrument Group

VG Instruments, Inc.
VICI Metronics, Inc., Condyne Div.
Whatman Inc.
Wild Heerbrugg Instruments, Inc.
Xenon Corp.

xenon

Buck Scientific, Inc.
Buehler Ltd.
Cathodeon, Ltd.
Ealing Electro Optics, Inc.
EG&G Inc., Electro-Optics Div.
EIMAC
Farrand Optical Co., Inc.
George W. Gates & Co., Inc.
General Fiber Optics, Inc.
Hanovia, Inc.
Harrick Scientific Corp.
Instruments SA, Inc.
Japan Spectroscopic Co., Ltd.
Laboratory Products, Inc.
E. Leitz, Inc.
McPherson
Newport Corp.
Oriol Corp.
Perkin-Elmer Corp.
PRA International, Inc.
Rudolph Instruments, Inc.
Schlueter Instruments Corp.
The Second Source
Sequoia-Turner Corp.
Shimadzu Scientific Instruments, Inc.
Spindler & Hoyer, Inc.
Union Instruments, Inc.
UVP, Inc.
Varian Instrument Group
Wild Heerbrugg Instruments, Inc.
Xenon Corp.

zirconium

Buck Scientific, Inc.
Fish-Schurman Corp.
Gaertner Scientific Corp.
George W. Gates & Co., Inc.
Hamamatsu Corp.

other

ABI Analytical/Kratos Div.
American Ultraviolet Co.
BHK, Inc.
EG&G Gamma Scientific
EIMAC
Galileo Electro-Optics Corp.
Hellma Cells, Inc.
Newport Corp.
Percival Mfg. Co., Inc.
Perkin-Elmer Corp.
Tekmar Co.
Transidyne General Corp.
Union Carbide Corp., Battery Products Div.
UVP, Inc.
VICI Metronics, Inc., Condyne Div.
Wild Heerbrugg Instruments, Inc.

LASER SYSTEMS AND ACCESSORIES

CAL-AV Labs, Inc.
Calbiochem
Biochemicals/Behring
Diagnostics
Cambridge Physical Sciences
R. P. Cargille Labs., Inc.
Coherent, Inc.
Corion Corp.
Cryogenic Rare Gas
Ealing Electro Optics, Inc.
Esco Products
Fish-Schurman Corp.
General Electric Co.
Harshaw/Filtrol
Hellma Cells, Inc.
Hewlett-Packard Co.
Honeywell, Inc.
Itek Corp.
Janos Technology Inc.
Kollsman Instrument Co.
Lambda/Ten Optics
Lumonics, Inc.
Micro Coatings
Newport Corp.
Nuclide Corp., AGV Div.
Oriol Corp.
Polaron Instruments, Inc.
PRA International, Inc.
Sciencetech, Inc.
Spectra-Physics, Laser Products Div.

Spectra-Physics, Autolab Div.
Spindler & Hoyer, Inc.
TSI, Inc.

LASERS, APPLIED

biological, medical

Calbiochem
Biochemicals/Behring
Diagnostics
Coherent, Inc.
Coulter Electronics, Inc.
Janos Technology Inc.
Lumonics, Inc.
Polaron Instruments, Inc.
Wyatt Technology Corp.
distance measuring
Cambridge Physical Sciences
Coherent, Inc.
Hewlett-Packard Co.
Kollsman Instrument Co.
Rank Precision Industries, Inc.

spectroscopic instrumentation

Bio-Rad Labs., Digilab Div.
Coherent, Inc.
Coulter Electronics, Inc.
Ealing Electro Optics, Inc.
Janos Technology Inc.
Lumonics, Inc.
Nuclide Corp., AGV Div.
Spectra-Physics, Laser Products Div.
Spectra-Physics, Autolab Div.
Spex Industries, Inc.

LASERS, DYE PRODUCTS

laser pumped tunable dye laser

Coherent, Inc.
Lumonics, Inc.
National Diagnostics, Inc.
New England Nuclear
Polysciences, Inc.
PRA International, Inc.
Spectra-Physics, Laser Products Div.
Spectra-Physics, Autolab Div.
Spindler & Hoyer, Inc.

micropulse flashtubes

EG&G Inc., Electro-Optics Div.
Xenon Corp.

micropulsers

Xenon Corp.

LASERS, LABORATORY TYPE

continuous, gaseous

Cal-Glass For Research, Inc.
Cathodeon, Ltd.
Coherent, Inc.
Ealing Electro Optics, Inc.
Honeywell, Inc.
Janos Technology Inc.
Lumonics, Inc.
Newport Corp.
Oriol Corp.
Spectra-Physics, Laser Products Div.
Spectra-Physics, Autolab Div.
Spindler & Hoyer, Inc.

continuous, solid state

Allied-Signal, Inc.
Coherent, Inc.
Spectra-Physics, Laser Products Div.
Spindler & Hoyer, Inc.

microwelder

Coherent, Inc.

pulsed, crystal type

Coherent, Inc.
Lumonics, Inc.
Spectra-Physics, Laser Products Div.

pulsed, gaseous

Cal-Glass For Research, Inc.
Coherent, Inc.
Honeywell, Inc.
Lumonics, Inc.
PRA International, Inc.
Spectra-Physics, Laser Products Div.
Spectra-Physics, Autolab Div.

LEAD ANALYZERS

Dionex Corp.
Eberbach Corp.
EG&G Princeton Applied Research
ESA, Inc.
Ionics, Inc.
Leeman Labs., Inc.
Mine Safety Appliances Co.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Sanda, Inc.
Texas Nuclear

LEAD STABILIZERS

Instruments For Research & Industry

LEAK DETECTORS

chlorine

American Gas & Chemical Co., Ltd.
Capital Controls Co., Inc.
DEVCO Engineering, Inc.
The Foxboro Company
Interscan Corp.
MDA Scientific, Inc.
Orion Research Inc.
PCP, Inc.
Sensidyne, Inc.
Wallace & Tiernan

gas

American Gas & Chemical Co., Ltd.
AMSCO/American Sterilizer Co.
Analabs
Analytical Instrument Development, Inc.
The Anspec Co., Inc.
Bailey Controls Co.
Big Three Industries
Calibrated Instruments, Inc.
Capital Controls Co., Inc.
Chrompack, Inc.
Chrompack International B.V.
Cole-Parmer Instrument Co.
Datametrics
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
The Foxboro Company
Gow-Mac Instrument Co.
E. Vernon Hill, Inc.
HNU Systems, Inc.
Inficon Leybold-Heraeus, Inc.
Interscan Corp.
J & W Scientific, Inc.
Matheson Gas Products
MDA Scientific, Inc.
M G Industries
Mine Safety Appliances Co.
MKS Instruments, Inc.
Orbisphere Laboratories
PCP, Inc.
Prolabo
Quantum Instruments, Inc.
Scott Specialty Gases
Sensidyne, Inc.
Spectrum Medical Industries, Inc.
Supelco, Inc.
Tekmar Co.
Teledyne Analytical Instruments
Union Carbide Corp., Linde Div.
UTI Instruments Co.
Varian Associates, Inc., Vacuum Products Div.
Veeco Instruments, Inc.

liquid

American Gas & Chemical Co., Ltd.
Aremco Products, Inc.
Capital Controls Co., Inc.
The Foxboro Company
Introtek International
Ionics, Inc.
Northern Technical & Chemical Services
Nupro Co.
Sunshine Technology Corp.

LENSES

Allied Analytical Systems
American Optical Corp.
Coherent, Inc.
Dell Optics Co., Inc.
Ealing Electro Optics, Inc.
Eastman Kodak Co.

Edmund Scientific Co.
The Ednalite Corp.
Farrand Optical Co., Inc.
The Foxboro Company
Gaertner Scientific Corp.
GCA/Tropel Div.
Harshaw/Filtrol
Karl Heitz, Inc.
Itek Corp.
Janos Technology Inc.
Keyan Industries, Inc.
Laser Optics, Inc.
E. Leitz, Inc.
Newport Corp.
Nikon, Inc.
North (Siebe North, Inc.)
Optics For Research, Inc.
Oriol Corp.
Perkin-Elmer Corp.
Precision Cells, Inc. (NSG)
Rank Precision Industries, Inc.
Schlueter Instruments Corp.
Spectra-Physics, Laser Products Div.
Spectra-Tech, Inc.
Spindler & Hoyer, Inc.
Carl Zeiss, Inc.

LENSES, IR

Analabs
Andonian Cryogenics, Inc.
Buck Scientific, Inc.
Coherent, Inc.
Dell Optics Co., Inc.
Ealing Electro Optics, Inc.
Eastman Kodak Co.
Esco Products
Fish-Schurman Corp.
The Foxboro Company
Harrick Scientific Corp.
Harshaw/Filtrol
International Crystal Labs., Inc.
Itek Corp.
Janos Technology Inc.
Kollsman Instrument Co.
Laser Optics, Inc.
Newport Corp.
North (Siebe North, Inc.)
Optics For Research, Inc.
Optovac
Oriol Corp.
Perkin-Elmer Corp.
Precision Cells, Inc. (NSG)
Quartz Products Corp.
Rank Precision Industries, Inc.
Research Devices
Spectra-Tech, Inc.
Spindler & Hoyer, Inc.
Thermal American Fused Quartz Co.

LIQUID LEVEL CONTROLLERS

Andonian Cryogenics, Inc.
Automatic Switch Co.
Automation Products, Inc.
Bailey Controls Co.
B I F
Bristol Babcock Inc.
Brooks Instrument Div.
Chemical Data Systems
Chromalox
Cole-Parmer Instrument Co.
Cryo-Med
The Duriron Co., Inc.
Fisher Controls International, Inc.
The Foxboro Company
Glas-Col Apparatus Co.
Honeywell, Inc., Industrial Controls Div.
Hydro Service & Supplies, Inc.
Instruments For Research & Industry
Interlab, Inc.
Introtek International
ITT Barton Instruments
JAECO Pump Co.
Kay-Ray, Inc.
Lake Shore Cryotronics, Inc.
Leeds & Northrup Instruments
Luft Instruments, Inc.
Meriam Instrument
MSA-Advanced Systems Div.
Nuclear Research Corp.
The Ohmart Corp.
Princo Instruments, Inc.
Prolabo
Research, Inc.
Rexnord Instrument Products



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Serfilco, Ltd.
Sethco Div.
Skan-A-Matic Corp.
SSAC, Inc.
C. W. Stevens, Inc.
TCS
Texas Nuclear

**LOW TEMPERATURE
EQUIPMENT** - *see*
*containers, flasks and flasks,
Dewar*

LUBRICANTS, dry-film

American Gas & Chemical Co.,
Ltd.
Bel-Air Products
Dow Corning Corp.
The Durrin Co., Inc.
Dynalab Corp.
Laboratory Supplies Co., Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Pierce Chemical Co.
Varian Associates, Inc., Vacuum
Products Div.

LYOPHILIZATION PRODUCTS -
see freeze dryers

MACHINES, take-off, and cut-off saws for plastics, hose, wire and cable

Parker-Hannifin Corp., Hose
Products Div.
Parker-Hannifin Corp., Parflex
Div.
Wale Apparatus Co.

MAGNETIC SUSCEPTIBILITY APPARATUS

Biomagnetic Technologies, Inc.
Cahn Instruments, Inc.
S. G. Frantz Co., Inc.
George Associates
Lake Shore Cryotronics, Inc.
Walker Scientific, Inc.

MAGNETS, MAGNET SYSTEMS AND ACCESSORIES - *see also* *electromagnets*

American Gas & Chemical Co.,
Ltd.
American Magnetics, Inc.
Andonian Cryogenics, Inc.
R. B. Annis Co., Inc.
The Boc Group, Inc.
Bruker Instruments, Inc.
Dowty RFL Industries, Inc.
EIMAC
Engelhard Corp.
Eriez Magnetics
S. G. Frantz Co., Inc.
IBM Instruments, Inc.
Janis Research Co., Inc.
Japan Spectroscopic Co., Ltd.
Nuclide Corp.
Nuclide Corp., AGV Div.
Process & Instruments Corp.
Scientific Glass & Instruments,
Inc.
Scientific Specialties Service,
Inc.
Sepor, Inc.
The Stackpole Corp.
Walker Scientific, Inc.

MAGNETS, superconducting

American Magnetics, Inc.
Andonian Cryogenics, Inc.
The Boc Group, Inc.
Bruker Instruments, Inc.
Eriez Magnetics
General Electric Co., NMR
Instruments
IBM Instruments, Inc.
Janis Research Co., Inc.
Japan Spectroscopic Co., Ltd.
Varian Instrument Group

MAGNIFIERS AND ACCESSORIES

Alltech Associates/Applied
Science
Bausch & Lomb, Consumer
Products Div.
Dynalab Corp.

Ealing Electro Optics, Inc.
Edmund Scientific Co.
The Ednalite Corp.
Esco Products
Finescale Co.
Fish-Schurman Corp.
Galileo Electro-Optics Corp.
Harvard Apparatus
Karl Heitz, Inc.
Keyan Industries, Inc.
Polaron Instruments, Inc.
Southern Precision Instrument
Co.
Untron Instruments, Inc.

MANIPULATORS - *see also* *radiation equipment*

Astrosystems, Inc.
Ealing Electro Optics, Inc.
Nuclear Associates
Nuclear Equipment Chemical
Corp.
Nuclear Sources & Services,
Inc.
Perkin-Elmer Corp., Physical
Electronics Div.
Schlueter Instruments Corp.
Spindler & Hoyer, Inc.
Stoelting Co.
Thermionics Laboratory, Inc.
Yamato USA, Inc.

MANOMETERS - *see gages*

MARKERS - *see also* *pencils, marking*

American Scientific Products
R. B. Annis Co., Inc.
Coherent, Inc.
Dynalab Corp.
Ejay International
Elkay Products, Inc.
KMW Corp.
Nalge Co.
Nuclear Associates
Sarstedt, Inc.
Soltec Corp.
Universal Scientific, Inc.
VWR Scientific
Wale Apparatus Co.

MELTING POINT APPARATUS AND ACCESSORIES

Buchi
Electrothermal, Inc.
George Fischer Foundry
Systems, Inc.
Haake Buchler Instruments, Inc.
Laboratory Devices
Mettler Instrument Corp.
Prolabo
Testing Machines, Inc.
Thomas Scientific

MEMBRANES - *see filters*

MERCURY CLEANING EQUIPMENT AND SERVICE

Bethlehem Apparatus Co., Inc.
Chemtrix, Inc.
Dynalab Corp.
Eberbach Corp.
D. F. Goldsmith Chemical &
Metal Corp.
Jerome Instrument Corp.
Kontes
Scientific Glass & Instruments,
Inc.
SGA Scientific Inc.

MERCURY DIFFUSION

Cal-Glass For Research, Inc.

MESH, wire - *see wire cloth*

METALLOGRAPHIC EQUIPMENT

Buehler Ltd.
Burrell Corp.
Cambridge Instrument Co., Inc.
Fred S. Carver Inc.
Eberbach Corp.

Leco Corp.
E. Leitz, Inc.
Nikon, Inc.
Polaron Instruments, Inc.
Structure Probe, Inc.
Untron Instruments, Inc.
Wilkins-Anderson Co.
Carl Zeiss, Inc.

METALLURGICAL APPARATUS

Angstrom, Inc.
Buehler Ltd.
Burrell Corp.
Cambridge Instrument Co., Inc.
Eberbach Corp.
Johnson Matthey, Inc.
Leco Corp.
Lepel High Frequency Labs., Inc.
Norton Co. (Mass.)
Polaron Instruments, Inc.
Sepor, Inc.
SETARAM
Spectrex Corp.
Wilkins-Anderson Co.

METALS - *see Chemicals, metals*

METEOROLOGICAL Instruments

anemometers
Airflow Developments (Canada),
Ltd.
Climatronics Corp.
Climet Instruments Co.
Cole-Parmer Instrument Co.
Datametrics
Epic, Inc.
Extech Instruments
Hinds International, Inc.
Kahl Scientific Instrument Corp.
Prolabo
Sierra/Misco, Inc.
Teledyne Hastings-Raydist
Texas Electronics, Inc.

balloons, air sampling
Airflow Developments (Canada),
Ltd.
Climatronics Corp.

portable weather stations
Airflow Developments (Canada),
Ltd.
Climatronics Corp.
Hinds International, Inc.
Kahl Scientific Instrument Corp.
L-Cor, Inc.
Sierra/Misco, Inc.
Texas Electronics, Inc.

psychrometers
Airflow Developments (Canada),
Ltd.
Brooklyn Thermometer Co., Inc.
Climatronics Corp.
Cole-Parmer Instrument Co.
Epic, Inc.
Extech Instruments
General Eastern Instruments
Corp.
H-B Instrument Co.
Kahl Scientific Instrument Corp.
Princo Instruments, Inc.
Prolabo
Sierra/Misco, Inc.
Stortz Div.
Vista Scientific Corp.

rain gages
Airflow Developments (Canada),
Ltd.
Climatronics Corp.
Epic, Inc.
Kahl Scientific Instrument Corp.
Prolabo
Sierra/Misco, Inc.
Texas Electronics, Inc.

wind gages
Airflow Developments (Canada),
Ltd.
Climatronics Corp.
Epic, Inc.
Hinds International, Inc.
Kahl Scientific Instrument Corp.
Sierra/Misco, Inc.
Texas Electronics, Inc.

METERS

conductivity - *see also* *conductivity equipment*

Amber Science, Inc.
H. E. Anderson Co.
The Anspec Co., Inc.
Bailey Controls Co.
Balsbaugh, Inc.
Barnstead Co.
Biddle Instruments
Biomagnetic Technologies, Inc.
Bio-Rad Laboratories
Brinkmann Instruments, Inc.
Cambridge Scientific Industries
Capital Controls Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Crystalab, Inc.
Culligan International Co.
DEVCO Engineering, Inc.
Dionex Corp.
Dynatech Scientific, Inc.
Eco Instruments
EM Corp.
Engineered Systems & Designs
Extech Instruments
F & J Scientific
Fisher Scientific Co.
The Foxboro Company
Great Lakes Instruments, Inc.
Hach Co.
Horiba Instruments, Inc.
Hydro Service & Supplies, Inc.
IBM Instruments, Inc.
Instrumentation Technology
International
Interex Corp.
Interlab, Inc.
Ionics, Inc.
Kel Instruments Co., Inc.
Kernco Instruments Co., Inc.
Lab-Line Instruments, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
LKB Produkter AB
Magnaflux Corp.
Martek Instruments, Inc.
Metrohm
Milton Roy Co., LDC Div.
Monroe Electronics, Inc.
Myron L Co.
Nova Analytical
Nuclear Research Corp.
Omega Engineering, Inc.
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Phenomenex
Phillips Export B.V.
Prolabo
Pye Unicam Ltd.
Radiometer America, Inc.
Rosemount Analytical/Unilco
Div.
Sargent-Welch Scientific Co.
Schneider Instrument Co.
Scientific Glass Engineering
Scientific Technologies
Serfilco, Ltd.
SETARAM
Showa Denko America, Inc.
Tekmar Co.
Thomas Scientific
United States Testing Co., Inc.
Universal Scientific, Inc.
Wescan Instruments, Inc.
Yellow Springs Instrument Co.,
Inc.

conductivity, recording

Barnstead Co.
Capital Controls Co., Inc.
Cole-Parmer Instrument Co.
DEVCO Engineering, Inc.
Dionex Corp.
Esterline Angus Instrument
Corp.
Extech Instruments
The Foxboro Company
Great Lakes Instruments, Inc.
Ionics, Inc.
Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
Linear Instruments Corp.
LKB Produkter AB
Martek Instruments, Inc.
Myron L Co.
Nova Analytical
Phenomenex
Pye Unicam Ltd.
Radiometer America, Inc.
Rosemount Analytical/Unilco
Div.

Schneider Instrument Co.
Science/Electronics, Inc.
SETARAM
Sierra/Misco, Inc.
Wescan Instruments, Inc.
Yellow Springs Instrument Co.,
Inc.

frequency

Anadex, Inc.
Biddle Instruments
Dragnet Technologies, Inc.
Esterline Angus Instrument
Corp.
Hewlett-Packard Co.
The Hickok Electrical Instrument
Co.
LFE Corp., Instrument Div.
Marconi Instruments
Omega Engineering, Inc.
Phillips Export B.V.
Racal-Dana Instruments, Inc.
Tracor Instruments

gas

Airco Special Gases
Air Products & Chemicals, Inc.
American Gas & Chemical Co.,
Ltd.
Analabs
Andersen Samplers, Inc.
Bailey Controls Co.
The Boc Group, Inc.
Capital Controls Co., Inc.
Datametrics
DEVCO Engineering, Inc.
The Foxboro Company
Orbisphere Laboratories
Precision Scientific, Inc.
Prolabo
Regis Chemical
Rosemount Analytical/Unilco
Div.
Scott Specialty Gases
Sierra Instruments, Inc.
Teledyne Analytical Instruments
Thomas Scientific
Union Carbide Corp., Linde Div.

heat flux, differential temperature transducer

Bailey Controls Co.
Dynatech Scientific, Inc.

leak

American Gas & Chemical Co.,
Ltd.
Balzers
The Boc Group, Inc.
DEVCO Engineering, Inc.
The Foxboro Company
Orbisphere Laboratories
Sensidyne, Inc.
Supelco, Inc.
Tekmar Co.
Teledyne Analytical Instruments
Universal Scientific, Inc.

multi

Amprobe Instrument
Biddle Instruments
DEVCO Engineering, Inc.
Dragnet Technologies, Inc.
Epic, Inc.
Extech Instruments
The Hickok Electrical Instrument
Co.
Keithley Instruments, Inc.
Omega Engineering, Inc.
Phillips Export B.V.
Pye Unicam Ltd.
Racal-Dana Instruments, Inc.
Tektronix, Inc.
Thomas Scientific

nitrogen dioxide

American Gas & Chemical Co.,
Ltd.
Antek Instruments, Inc.
CEA Instruments, Inc.
Columbia Scientific Industries
Corp.
Flatron Laboratory Systems
The Foxboro Company
Horiba Instruments, Inc.
Ionics, Inc.
National Draeger, Inc.

ozone partial pressure

Orbisphere Laboratories
ozone
Analytical Instrument
Development, Inc.
Columbia Scientific Industries
Corp.

4

Instruments, Equipment & Supplies

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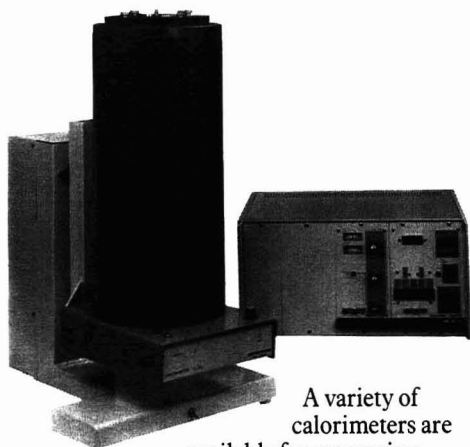
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4

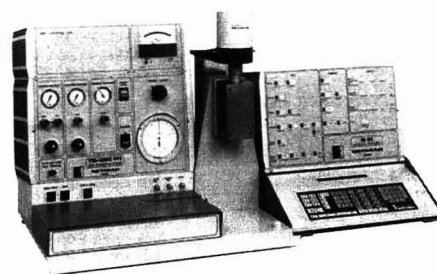
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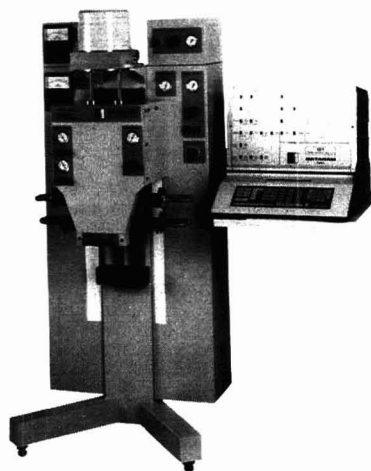


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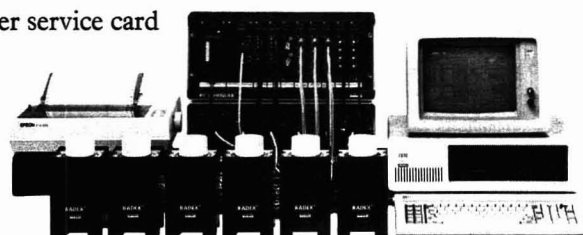
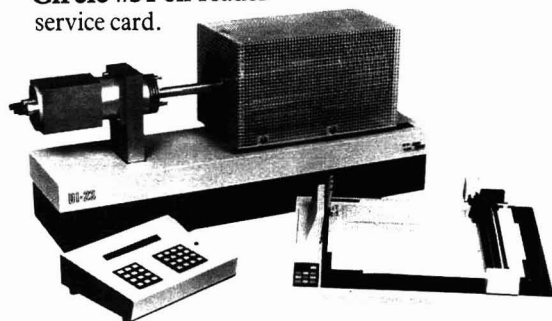


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AUTHORITATIVE! DYNAMIC INSTRUCTORS!

Hary Hajian (Professor), Don Jurkowitz (Associate Professor), and Neil Pothier are all with the Department of Chemistry, Community College of Rhode Island.

TECHNIQUES IN BASIC IR SPECTROPHOTOMETRY (85 minutes playing time)

Part I: Basic Infrared Spectroscopy (15 minutes)

Techniques of IR spectroscopy; basic components of IR instrumentation; detailed progress from source of radiation to detector; controls used on the instrument; a run through of a sample

Part II: Liquid Sampling Techniques (27 minutes)

Introduction to cells; cell windows;

preparation and care of cell windows; types of liquid samples; quantitative analysis of solutions

Part III: Solid Sampling Techniques (21 minutes)

Mulls, KBr discs; description of external reference beam attenuator; melts, films, and dispersions; gas sampling cells

Part IV: Computer-Aided Spectrophotometry and Quantitative Analysis (11 minutes)

Computer interface with IR instrumentation; enhancement of poor spectra; quantitative analysis of solutions

Part V: Maintenance and Troubleshooting (11 minutes)

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Capital Controls Co., Inc.
Centorr Associates, Inc.
CHEMetrics, Inc.
Chemtrix, Inc.
Columbus Instruments
International Corp.
Coulometrics, Inc.
Coy Laboratory Products
DEVCO Engineering, Inc.

LINK SYSTEMS

ANALYTICAL INSTRUMENTATION



Link Systems are a Company who have established a reputation as innovators in the fields of X-ray Analysis and Nuclear Physics Instrumentation.

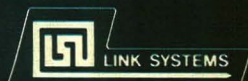
Illustrated above are some of our products including the Model AN10000 X-ray microanalysis system, XR200/300 range of energy dispersive X-ray fluorescence spectrometers and the ISIS nuclear data processing system.

These instruments, together with their wide

range of accessories, represent the finest developments in analytical instrumentation. They are designed to provide the user with high performance equipment yet retaining simple operation.

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REDWOOD CITY,
CALIFORNIA 94065 USA
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FAX: (415) 595 5589

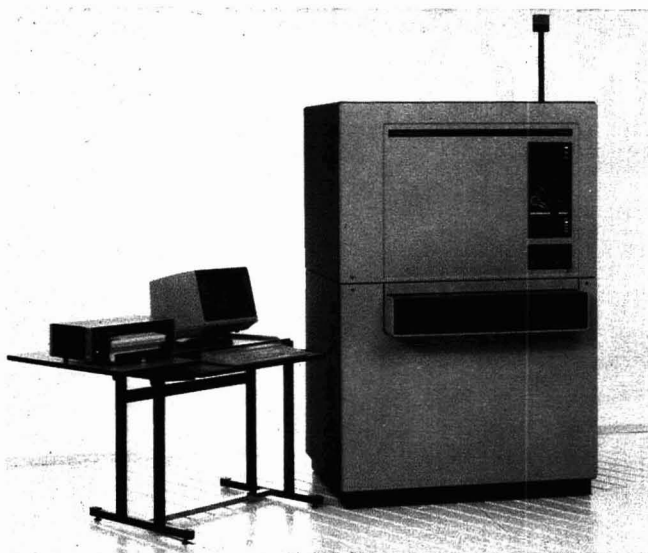
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CIRCLE 383 ON READER SERVICE CARD

XRF, XRD, SEM, TEM...

New configurations, unique features, advanced electronics-backed by over 80 years of experience-deliver the performance to meet today's analytical demands.

X-RAY FLUORESCENCE



An important example of how Philips experience has evolved into innovative analytical solutions is seen in our line of new XRF systems. Our attention to quality is reflected in the way proven hardware design techniques have been combined with the latest in software control to create modern solutions for a wide range of XRF analysis needs.

PW 1606—for the ultimate in simultaneous spectrometry.

This system incorporates the latest in hardware and software automation. Measure up to 28 elements simultaneously with greater speed and accuracy than other systems. Get greater flexibility for non-routine analyses.

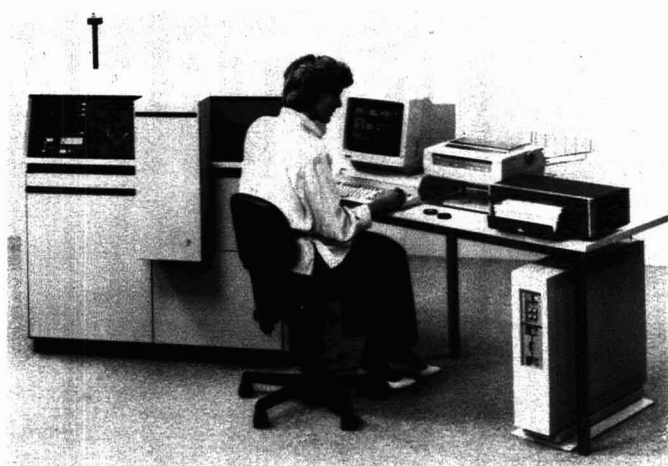
PW 1404—greater total performance in sequential XRF.

Evolved from the most widely used spectrometer in the world, the 1404 adds to the proven design of its predecessors such features as enhanced peak-to-background separation, programmable tube output to 100 kV, the widest range of side-window tubes available, multilayer monochromators, and improved detectors for superior light element sensitivity. Powerful software routines turn XRF analysis into a push-button exercise.

PW 1430—the basic system for qualitative and quantitative analysis.

This instrument is a budget priced, cost-effective addition to the Philips line that provides reliable results in most common sequential spectrometer applications. Under microprocessor control, it features dual channel capability and can perform long- and short-wave analyses simultaneously. It accommodates a broad spectrum of matrices and concentration levels for both liquids and solids.

X-RAY DIFFRACTION



Philips systems have set the standards of X-ray diffraction. They combine proven hardware design, modern computing power, and comprehensive software in a variety of systems that can be easily configured to fit virtually any need.

PW 1800—Automated versatile, high throughput powder diffraction.

The PW 1800 is designed for easy, automatic measurement of a wide range of sample types in a variety of forms and quantities including powders, clays, pastes and filters. Quickly and safely installed in the laboratory or on the production floor, the PW 1800 combines a totally enclosed design for radiation and contamination protection, along with state-of-the-art generator and goniometer technology for simple operation, high precision and high throughput. Its simplicity of operation makes possible a wide range of analytical applications for which x-ray diffraction may not previously have been considered.

APD 3720—comprehensive automated powder diffraction.

This multi-user, multi-tasking system is the most sophisticated X-ray diffraction system available today. It provides a wider variety of quantitative and qualitative analytical results faster, more precisely, and with greater ease than any other system. It gives simultaneous control of up to four diffractometers. Sophisticated software allows the collection and analysis of vast amounts of data automatically.

APD 3520—automated diffraction under microprocessor control.

The APD 3520 is an economic yet powerful alternative to the 3720. Operating under microprocessor control, this system offers both qualitative and quantitative analysis. Many routine tasks are automated and diffractograms are created quickly and in readily usable form.

1840—low cost microprocessor controlled diffraction.

The 1840 is a practical, application-oriented instrument and an ideal teaching tool. Function keys assure easy operation. High resolution and sensitivity are the result of a solid-state detector, 2.5 kW generator, and long, fine-focus X-ray tube. Pushbutton detector aperture selection and a self-adjusting divergence slit provide instant optimization for any type of sample.

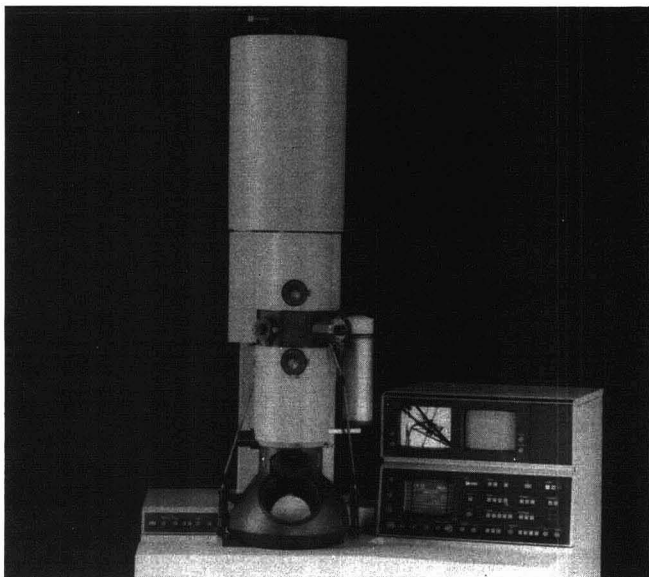


Philips has your system.

For 80 years Philips has been creating solutions for analytical problems and building a reputation for excellence. Our success is a result of our willingness to listen to our customer's needs and our commitment to respond to them. Evidence of that response is

seen in our extensive research and development capability and our world-wide service network. But it is most clearly seen in the unparalleled range of innovative systems we have developed to solve today's analytical problems.

TRANSMISSION ELECTRON MICROSCOPES



Philips leadership in Transmission Electron Microscopes continues with the new CM series. In these systems time-proven Philips optics are combined with advanced microprocessor control. Now many important functions are automated, including lens control, on-line specimen measurement, and overload protection. Menu-driven software simplifies programming and speeds analysis.

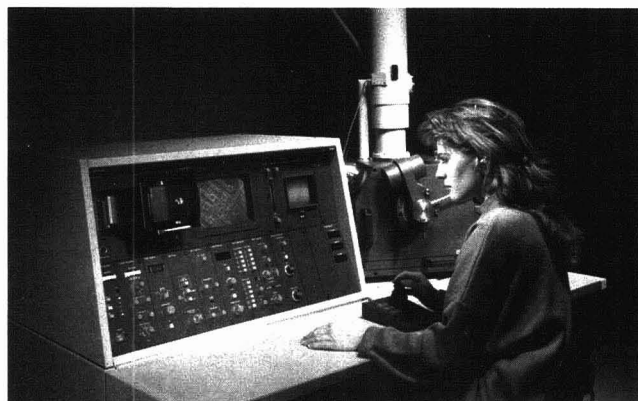
CM 30—for leading edge imaging and analysis. The CM 30 extends the performance of the CM series to leading edge capabilities in imaging and spatial resolution of analysis and enhanced sensitivity associated with 300 kV operation. The increased penetration allows study of thicker and more dense materials. The full flexibility, ease of operation and vacuum integrity of the CM series is maintained.

CM 10—for life sciences. Dedicated to life sciences, the instrument optical features include a long focal length objective lens for high contrast on thin sections, lens corrections which allow imaging of thick sections and a special high fidelity low magnification range for direct comparison of electron with light microscopy. Microprocessor control is exploited for consummate ease of operation and even direct image measurement.

CM 12—for materials research. The CM 12 is ideal in applied research. This integrated analytical system exploits the second generation twin objective lens which meets the demanding requirements of high resolution and high specimen tilt. Microprocessors provide easy control between TEM, STEM, and SEM imaging, excellent elemental analysis and electron diffraction capabilities. The CM 12 is designed to function in the multi-user, high throughput conditions prevalent in today's research environment.

C400—computer control for all Philips EM 400 Series TEMs. The C400 Computer Control system easily interfaces all EM 400 Series TEMs, enabling the operator to control, via an external computer, some or all operating parameters, as well as monitoring and recording operating conditions.

SCANNING ELECTRON MICROSCOPES



Philips has kept pace with the changing needs in scanning electron microscopy and that experience has manifested itself in the new 500 Series of SEMs. All provide high resolution images at low voltage, and fully automatic focus and stigmation control. An internal bus structure also provides for computer communication.

SEM 515—for basic research. A general purpose, high resolution SEM designed to meet the needs of R&D, materials characterization and quality control laboratories. The eucentric stage allows multi-detector operation for simultaneous sample characterization.

SEM 525-IC—dedicated low voltage SEM. Specifically designed for low voltage, high resolution examination of semiconductor wafers. The programmable eucentric wafer stage accommodates wafers up to eight inches in diameter. When combined with the optional linewidth measurement system, the 525-IC is capable of handling many processing requirements.

SEM 525-EB—imaging and dynamic circuit testing. This computer controlled system integrates the imaging capability of the 525 system with the capabilities of a proven E-Beam tester for design verification and fault analysis. The user is able to spot mechanical faults through the SEM and measure voltage, verify circuit function, and perform logic analysis through the E-Beam tester.

SEM 525-M—for increased analytical capability. This instrument provides superior optical performance and the capacity for a wide variety of specimen sizes. Featuring the conical objective lens, the 525-M provides the best imaging resolution resulting from close working distances even at high tilt angles. The motorized stage, controlled by a joystick and equipped with an absolute positional readout, assures a high degree of positional accuracy.

All the resources of Philips are readily available to help you solve your most demanding analytical problems. Take advantage of our recognized product quality and dependability and our responsive worldwide service capability. For details on any of the products above, call or write to: Philips Electronic Instruments, A North American Philips Company, Analytical X-Ray Group, 85 McKee Drive, Mahwah, NJ 07430. (201) 529-3800.

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 Panametrics, Inc.
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 Universal Sensors
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 MDA Scientific, Inc.
 Monitor Labs, Inc.
 National Draeger, Inc.
 Orbeco Analytical Systems, Inc.
 Orbisphere Laboratories
 Sensidyne, Inc.
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**PACKING - see sealing
 devices**

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 Fisher Scientific Co.
 Forma Scientific
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 Haake Buchler Instruments, Inc.
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 INDCO, Inc.
 Koehler Instrument Co., Inc.
 Macbeth
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 Photovolt
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 Perkin-Elmer Corp.
 Photovolt
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 Testing Machines, Inc.
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**PAPER, recording - see charts,
 recording**

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 Duke Scientific Corp.
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 Pen Kem, Inc.
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 Reichert-Jung, Cambridge
 Instruments, Inc.
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 Shape Technology, Ltd.
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 TSI, Inc.
 Unifon Instruments, Inc.
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 Inc.
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 International Equipment Co.
 LeMont Scientific, Inc.
 Nikon, Inc.
 Olympus Corp.
 Pacific Scientific
 Particle Data, Inc.
 Perkin-Elmer Corp.
 Sepor, Inc.
 Spectrex Corp.
 TSI, Inc.
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 Vickers Instruments, Inc.
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 Core Laboratories
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 Systems, Inc.
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 Micromeritics Instrument Corp.
 Microscal, Ltd.
 Nikon, Inc.
 Nuclepore Corp.
 Olympus Corp.
 Pacific Scientific
 Particle Data, Inc.

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 Prolabo
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 Quantachrome Corp.
 Sepor, Inc.
 Seragen Diagnostics, Inc.
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 Shimadzu Scientific Instruments,
 Inc.
 Spectrex Corp.
 TSI, Inc.
 Unifon Instruments, Inc.
 Vickers Instruments, Inc.
 Wyatt Technology Corp.
 Carl Zeiss, Inc.

PARTICLE SIZE MATERIAL

powder, spherical iron (10 to 1000 microns)

Alfa Products
 Duke Scientific Corp.
 Polysciences, Inc.
 Reade Metals & Minerals Corp.

powder, spherical zirconium oxide (10 to 1000 microns)

Alfa Products
 Duke Scientific Corp.
 Glen Mills, Inc.
 Impandex, Inc.
 Polysciences, Inc.
 Reade Metals & Minerals Corp.

powder, sub-micron silica (50 to 500 angstrom)

Duke Scientific Corp.
 Polysciences, Inc.
 Reade Metals & Minerals Corp.
 Waters Chromatography

PENCILS, marking - see also markers

American Scientific Products
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 Cole-Parmer Instrument Co.
 Dynalab Corp.
 Elkey Products, Inc.
 Harvard Apparatus
 Interex Corp.
 KMW Corp.
 New York Laboratory Supply
 Co., Inc.
 Wale Apparatus Co.

**PENETROMETERS - see
 petroleum testing
 equipment**

PEPTIDE SYNTHESIZERS

Applied Biosystems, Inc.
 Beckman Instruments, Inc.
 LKB Produkter AB
 New Brunswick Scientific Co.,
 Inc.
 Vega Biotechnologies, Inc.

PEPTIDES, synthetic

Applied Biosystems, Inc.
 Calbiochem
 Biochemicals/Behring
 Diagnostics
 Polysciences, Inc.
 Schwarz/Mann
 United States Biochemical Corp.
 Vega Biotechnologies, Inc.

PETROLEUM TESTING EQUIPMENT

aniline point apparatus

Bico, Inc.
 Fisher Scientific Co.
 Koehler Instrument Co., Inc.
 Precision Scientific, Inc.
 Prolabo
 Scientific Glass & Instruments,
 Inc.
 UIC, Inc.
 United States Testing Co., Inc.
 Wilkens-Anderson Co.

baths - see also baths

Ace Glass, Inc.
 Bico, Inc.
 Blue M
 C. W. Brabender Instruments,
 Inc.
 Brookfield Engineering Labs.,
 Inc.

Cincinnati Sub-Zero Products,
 Inc.
 Cole-Parmer Instrument Co.
 Ferranti Electric, Inc.
 Fisher Scientific Co.
 Forma Scientific
 Gallenkamp
 Haake Buchler Instruments, Inc.
 Hotpack Corp.
 Koehler Instrument Co., Inc.
 Lauda
 Midland Ross
 Neslab Instruments, Inc.
 PolyScience Corp.
 Precision Scientific, Inc.
 Procedyne Corp.
 Prolabo
 Ruska Instrument Corp.
 Sargent-Welch Scientific Co.
 Science/Electronics, Inc.
 Scientific Development Co.
 Techne Incorporated
 Thermolyne Corp.
 Thomas Scientific
 UIC, Inc.
 United States Testing Co., Inc.
 Wilkens-Anderson Co.
 Yamato USA, Inc.

bomb sampler

Bico, Inc.
 High Pressure Equipment Co.
 Koehler Instrument Co., Inc.
 Kontes
 Lab-Line Instruments, Inc.
 Prolabo
 Thomas Scientific
 United States Testing Co., Inc.
 Wilkens-Anderson Co.

carbon residue apparatus

Bico, Inc.
 Koehler Instrument Co., Inc.
 Precision Scientific, Inc.
 Prolabo
 UIC, Inc.
 United States Testing Co., Inc.

chromometer

Fisher Scientific Co.
 Koehler Instrument Co., Inc.
 United States Testing Co., Inc.

cloud and pour point apparatus

Bico, Inc.
 Forma Scientific
 King Refrigeration Mfg. Co.
 Koehler Instrument Co., Inc.
 Perkin-Elmer Corp.
 Precision Scientific, Inc.
 Prolabo
 UIC, Inc.
 United States Testing Co., Inc.
 Wescan Instruments, Inc.
 Wilkens-Anderson Co.

colorimeter - see also spectrometers, light visible

Buck Scientific, Inc.
 R. P. Cargille Labs., Inc.
 Chemtrix, Inc.
 E. I. duPont de Nemours & Co.,
 Inc., Clinical & Instrument
 Systems Div.
 Dynalab Corp.
 EG&G Gamma Scientific
 F & J Scientific
 FIATron Laboratory Systems
 Fisher Scientific Co.
 Fish-Schurman Corp.
 Gallenkamp
 Hunter Associates Laboratory,
 Inc.
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 Japan Spectroscopic Co., Ltd.
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 Products Div.
 Orbeco Analytical Systems, Inc.
 Pacific Scientific
 Precision Scientific, Inc.
 Prolabo
 Sequoia-Turner Corp.
 Teledyne Analytical Instruments
 United States Testing Co., Inc.

Wilkens-Anderson Co.

contamination testing apparatus

Analytical Instrument
 Development, Inc.
 Baird Corp.
 Dexsil Corp.
 Dionex Corp.
 Ionics, Inc.
 Millipore Corp.
 Wheaton Scientific

corrosion test apparatus

Analytical Instrument
 Development, Inc.
 Bico, Inc.
 Bioanalytical Systems, Inc.
 Dionex Corp.
 Eco Instruments
 EG&G Princeton Applied
 Research
 Koehler Instrument Co., Inc.
 Kontes
 Parr Instrument Co.
 Precision Scientific, Inc.
 Prolabo
 SGA Scientific Inc.
 UIC, Inc.
 United States Testing Co., Inc.

demulsifying apparatus

Heat Systems-Ultrasonics, Inc.
 Koehler Instrument Co., Inc.
 Pen Kem, Inc.
 Precision Scientific, Inc.
 Prolabo
 United States Testing Co., Inc.

**distillation apparatus - see
 distillation equipment**

dropping point apparatus

Bico, Inc.
 Koehler Instrument Co., Inc.
 Prolabo
 UIC, Inc.
 United States Testing Co., Inc.

flash point tester

Bico, Inc.
 Boekel Industries, Inc.
 ERDCO Engineering Corp.
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 Prolabo
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grease working and testing apparatus

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 Prolabo
 UIC, Inc.
 United States Testing Co., Inc.

gum content apparatus

Bico, Inc.
 Koehler Instrument Co., Inc.
 Precision Scientific, Inc.
 Prolabo
 UIC, Inc.
 United States Testing Co., Inc.

halogen determination apparatus and chemicals

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 Balzers
 Barnebey-Cheney
 Bico, Inc.
 Cosa Instrument Corp.
 Dionex Corp.
 Dohrmann
 Ionics, Inc.
 O. I. Corporation
 Orbeco Analytical Systems, Inc.
 Orion Research Inc.
 Parr Instrument Co.
 Sanda, Inc.
 Sensidyne, Inc.
 Spectrex Corp.
 Teledyne Analytical Instruments
 Thomas Scientific
 Tracor Instruments

melting point apparatus

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 E. I. duPont de Nemours & Co.,
 Inc., Clinical & Instrument
 Systems Div.
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4

Instruments, Equipment & Supplies



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CIRCLE 27 ON READER SERVICE CARD

PETROLEUM TESTING EQUIPMENT

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UIC, Inc.
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**oxidation apparatus - see
combustion equipment**

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Porous Materials, Inc.
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UIC, Inc.
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Vand Corp.
Wilkins-Anderson Co.

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Cal-Glass For Research, Inc.
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Kontes
H. S. Martin, Inc.
Reliance Glass Works, Inc.
Scientific Glass & Instruments,
Inc.
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**sulfur determining apparatus -
see combustion equipment**

tetraethyllead apparatus

Ace Glass, Inc.
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Bico, Inc.
EG&G Princeton Applied
Research
Koeher Instrument Co., Inc.
Lab Glass, Inc.
Orbeco Analytical Systems, Inc.
Prolabo
Scientific Glass & Instruments,
Inc.
SGA Scientific Inc.
Tudor Scientific Glass Co.
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vapor pressure apparatus

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MKS Instruments, Inc.
Netzsch Inc.
Polaron Instruments, Inc.
Precision Scientific, Inc.
Prolabo
UIC, Inc.
United States Testing Co., Inc.

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International
Kimble Div.
Koeher Instrument Co., Inc.
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Pacific Scientific
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Prolabo

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Ruska Instrument Corp.
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Schott America
SGA Scientific Inc.
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Tekmar Co.
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Wilkins-Anderson Co.

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FTS Systems, Inc.
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Precision Scientific, Inc.
Prolabo
Sargent-Welch Scientific Co.
Schott America
Science/Electronics, Inc.
Scientific Development Co.
Tannas Co.
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Thomas Scientific
UIC, Inc.
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Wilkins-Anderson Co.

**water determination equipment
- see moisture determination
apparatus**

other

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Boekel Industries, Inc.
ESA, Inc.
Forma Scientific
George Associates
Hipotronics, Inc.
O. I. Corporation
Precision Systems, Inc.
Prolabo
Tracor Atlas, Inc.
UIC, Inc.
Wescan Instruments, Inc.

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CONTROLLERS, METERS,
STANDARDS - see hydrogen
ion apparatus**

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electrodes, pH**

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papers, pH, quaternary**

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EQUIPMENT - see also
film, photographic**

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The Electrosynthesis Co.
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Karl Heitz, Inc.
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(complete systems)**

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S.p.A.

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and pipe**

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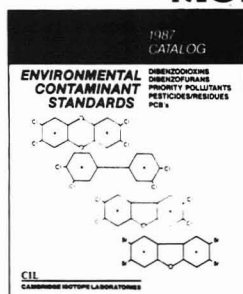
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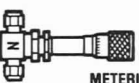
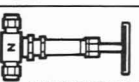
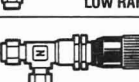
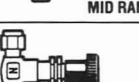
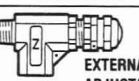
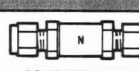
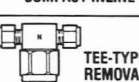


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	 METERING	Needle Reg.	.055 .172	1.4 4.4	.019	700 PSI 4800 kPa	900°F 482°C	Brass 316SS Monel	SWAGelok Weld Metric	1/4" 6mm	Straight
	 TOGGLE OPERATED	Soft Tip	.172	4.4	.36	100 PSI 680 kPa	300°F 149°C	Brass 316SS Monel	SWAGelok Weld Metric VCR/VCO	1/4" 6mm	Straight
	 SECONDARY PACKING	Spherical Soft Tip	.172 .281 .312 .625	4.4 7.1 7.9 15.9	.36 to 5.3	2500 PSI 17200 kPa	1500°F 816°C	316SS	SWAGelok Weld Metric VCR/VCO	1/4"-1" 6-10-12mm	Straight Angle
	 AIR OPERATED	Spherical Soft Tip			.36 to 5.3	2500 PSI 17200 kPa	1500°F 816°C	Brass 316SS Monel	SWAGelok Weld Metric VCR/VCO	1/4"-1" 6-10-12mm	Straight Angle
DIA- PHRAGM	 DIAHRAGM VALVE	Soft Tip	.172	4.4	.30	3500 PSI 24100 kPa	600°F 315°C	316SS	SWAGelok Metric Pipe, Weld, VCR, VCO	1/4"-3/8" 6mm	Straight Angle
FORGED BODY	 FORGED BODY VALVE	Vee Reg.	.156	4.0	.30	600 PSI 4100 kPa	300°F 149°C	Brass	SWAGelok Metric Pipe	1/8"-3/8" 6mm	Straight Angle
	 SEVERE SERVICE FORGED BODY VALVE	Ball Reg.	.172	4.4	.30	3000 PSI 20600 kPa	400°F 204°C	316SS	SWAGelok Metric Pipe	1/8"-3/8" 6mm	Straight Angle
METERING	 LOW RANGE	Needle	.031	0.8	.004	2000 PSI 13700 kPa	400°F 204°C	Brass 316SS Monel	SWAGelok Metric Pipe	1/16"-1/4" 3-6mm	Straight Angle Cross Double
	 MID RANGE	Needle	.055	1.4	.03	1000 PSI 6800 kPa	400°F 204°C	Brass 316SS Monel	SWAGelok Metric Pipe VCR	1/8"-1/4" 6mm	
	 HIGH RANGE	Reg.	.125	3.2	.15	1000 PSI 6800 kPa	400°F 204°C	Brass 316SS	SWAGelok Metric Pipe	1/8"-3/8" 6mm	Straight Angle Cross
PLUG	 FULL FLOW	Plug	.172 .281	4.4 7.2	0.2 to 7.0	3000 PSI 20600 kPa	400°F 204°C	Brass 316SS Monel	SWAGelok Metric Pipe	1/8"-1/2" 6-10-12mm	Straight
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		in.	mm								
CHECK & RELIEF	 NON-ADJUSTABLE	.094 to .594	2.4 to 15.1	.16 to 4.68	3000 PSI 20600 kPa	1/3-100 PSI 2-680 kPa	400°F 204°C	Brass, 316SS, Monel		SWAGelok Metric/Pipe VCR	1/16"-1" 6-10-12mm
	 ADJUSTABLE	.156 to .312	4.0 to 7.9	.35 to 1.2	3000 PSI 20600 kPa	3-600 PSI 20-4100 kPa	400°F 204°C	Brass, 316SS, Monel		SWAGelok Pipe VCR	1/8"-1/2"
	 EXTERNALLY ADJUSTABLE	.140	3.6	.41	6000 PSI 41300 kPa	50-6000 PSI 340-41300 kPa	250°F 121°C	316SS		SWAGelok Metric/Pipe	1/4" 6mm
FILTER STYLES		ORIFICE		MAX. Cv	MAX. PRES.	MAX. FILTER ΔP	FILTER ELEMENT SIZE (MICRONS)	MAX. TEMP.	STD. MTL.	END CONN.	SIZE RANGE
		in.	mm								
FILTERS	 COMPACT INLINE	.094 to .406	2.4 to 10.3	.004 to 1.0	3000 PSI 20600 kPa	1000 PSI 6800 kPa	0.5, 2, 7, 15, 40, 60, 90, 140, 230 & 440	900°F 482°C	Brass, 316SS Monel, Hastelloy C	SWAGelok Metric/Pipe VCR	1/16"-1/2" 3-6mm
	 TEE-TYPE REMOVABLE	.094 to .250	2.4 to 6.4	.029 to .73	6000 PSI 41300 kPa	1000 PSI 6800 kPa		900°F 482°C	Brass, 316SS Monel	SWAGelok Weld Metric/Pipe	1/8"-1/2" 6-10-12mm
	 HIGH FLOW INLINE	.187	4.8	.40	6000 PSI 41300 kPa	100 PSI 680 kPa	2, 7, 15	900°F 482°C	316SS	SWAGelok Metric/Pipe VCR	1/4"-1/2" 6mm

CIRCLE 55 ON READER SERVICE CARD

Zeebac Inc.

DC low power up to 100 W.

ABI Analytical/Kaatos Div.
Analog Devices, Inc.
Bailey Controls Co.
Berkeley Nucleonics Corp.
Bertan Associates, Inc.
Bio-Rad Laboratories
Chromalox
CVC Products, Inc.
Del Electronics Corp.
Denton Vacuum, Inc.
E-C Apparatus Corp.
EG&G Ortec
The Electrosynthesis Co.
Fotodyne, Inc.
General Electric Co.
G. K. Heller Corp.
Hewlett-Packard Co.
Hoefer Scientific Instruments
ISCO
Isolab, Inc.
Lambda Electronics
Leeds & Northrup Instruments
LKB Produkter AB
Midland Ross
The Nucleus, Inc.
Nuclide Corp.
On-Line Instrument Systems, Inc.
Oriel Corp.
Pacific Instruments, Inc.
Pharmacia, Inc.
Philips Export B.V.
Polysciences, Inc.
PRA International, Inc.
Racal-Dana Instruments, Inc.
Rapid Power Technologies
Sargent-Welch Scientific Co.
Spellman High-Voltage Electronics Corp.
Technipower
Teledyne Philbrick
Thermoelectrics Unlimited, Inc.
UVP, Inc.

DC medium power up to 1 KW.

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Bertan Associates, Inc.
Bio-Rad Laboratories
Bruker Instruments, Inc.
CVC Products, Inc.
Del Electronics Corp.
Denton Vacuum, Inc.
E-C Apparatus Corp.
EIMAC
The Electrosynthesis Co.
Fotodyne, Inc.
General Electric Co.
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G. K. Heller Corp.
Hellma Cells, Inc.
Hewlett-Packard Co.
Hypotronics, Inc.
Hoefer Scientific Instruments
Lambda Electronics
LKB Produkter AB
Nuclide Corp.
On-Line Instrument Systems, Inc.
Oriel Corp.
Pharmacia, Inc.
PRA International, Inc.
Rapid Power Technologies
Research, Inc.
Spellman High-Voltage Electronics Corp.
Technipower
Walker Scientific, Inc.

DC high power up to 2.5 KW.

ABI Analytical/Kratos Div.
R. B. Annis Co., Inc.
Bio-Rad Laboratories
Bruker Instruments, Inc.
Cober Electronics, Inc.
CVC Products, Inc.
Del Electronics Corp.
Denton Vacuum, Inc.
The Electrosynthesis Co.
General Electric Co.
G. K. Heller Corp.
Hewlett-Packard Co.
Hypotronics, Inc.
Hoefer Scientific Instruments
Lambda Electronics

LKB Produkter AB
Nuclide Corp.
Nuclide Corp., AGV Div.
NWL Transformers
Oriel Corp.
Polysciences, Inc.
Rapid Power Technologies
Research, Inc.
Spellman High-Voltage Electronics Corp.
Technipower
Thermionics Laboratory, Inc.
Walker Scientific, Inc.
Zeebac Inc.

RF low power up to 100 W.

Del Electronics Corp.
LINDBERG
Nuclide Corp.
Nuclide Corp., AGV Div.
Spellman High-Voltage Electronics Corp.
Technipower

RF medium power up to 5 KW.

Applied Research Laboratories (ARL)
CVC Products, Inc.
Del Electronics Corp.
Lepel High Frequency Labs., Inc.
LINDBERG
Micro-Now Instrument Co., Inc.
NWL Transformers
Savant Instruments, Inc.
Spellman High-Voltage Electronics Corp.

RF high power up to 10 KW.

Cober Electronics, Inc.
Del Electronics Corp.
Lepel High Frequency Labs., Inc.
LINDBERG
NWL Transformers
Spellman High-Voltage Electronics Corp.

rectifiers

Del Electronics Corp.
The Electrosynthesis Co.
G. K. Heller Corp.
NWL Transformers
Rapid Power Technologies
Research, Inc.
Sonicor Instrument Corp.
Sprague Electric Co.

transformers

R. B. Annis Co., Inc.
Del Electronics Corp.
EG&G Inc., Electro-Optics Div.
General Electric Co.
Hypotronics, Inc.
Kontes
Lab Glass, Inc.
E. Leitz, Inc.
NWL Transformers
Olympus Corp.
Rapid Power Technologies
Reliance Electric Co.
The Superior Electric Co.
Technipower

PRECIOUS METALWARE - see also wire, precious metal

Alfa Products
Atomergic Chemetals Corp.
Engelhard Corp.
Goodfellow Metals Cambridge, Ltd.
NRC, Inc.
Polysciences, Inc.
Reactor Experiments, Inc.
Thomas Scientific
Tousimis

PRESSES, laboratory

Angstrom, Inc.
ARIES
Astro Div., Thermal Technology, Inc.
Beckman Instruments, Inc.
Buehler Ltd.
Fred S. Carver Inc.
Chemplex Industries, Inc.
E-C Apparatus Corp.
Ertel Engineering Co.

Greenerd Press & Machine Co., Inc.
Harrick Scientific Corp.
International Crystal Labs., Inc.
Japan Spectroscopic Co., Ltd.
Parr Instrument Co.
PHI
Somar International, Inc.
Spex Industries, Inc.
Thomas Scientific
Vacuum Industries, Inc.
Wilma Glass Co., Inc.
Zeebac Inc.

PRESSURE CALIBRATORS

The Boc Group, Inc.
Cosa Instrument Corp.
Datametrics
Dresser Industries
The Durlon Co., Inc.
King Nutronics Corp.
Mensor Corp.
Meriam Instrument
MKS Instruments, Inc.
Princo Instruments, Inc.
Ruska Instrument Corp.
Thermometer Corp. of America
Wallace & Tiernan

PRESSURE CHAMBERS

Accuspec Instrumentation Corp.
Centorr Associates, Inc.
DEVCO Engineering, Inc.
The Durlon Co., Inc.
Harrick Scientific Corp.
King Nutronics Corp.
Parr Instrument Co.
Polaron Instruments, Inc.
Ransco Industries, Inc.
Tenney Engineering, Inc.
Thermionics Laboratory, Inc.
Vista Scientific Corp.

PRESSURE CONTROLLERS

Alphagaz Specialty Gases
Ashland Chemical Co., Scientific Gas Products
Automatic Switch Co.
Bailey Controls Co.
Balzers
Bellofram Corp.
The Boc Group, Inc.
C. W. Brabender Instruments, Inc.
Bristol Babcock Inc.
Brooks Instrument Div.
Chromalox
Chrompack International B.V.
Circle Seal Controls
Data Instruments, Inc.
Datametrics
Dresser Industries
The Durlon Co., Inc.
Elnik Instruments, Inc.
Fisher Controls International, Inc.

The Foxboro Company
Gilmont Instruments, Inc.
Honeywell, Inc.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
Ivek Corp.
Kollsman Instrument Co.
Kontes
Leeds & Northrup Instruments
LFE Corp., Instrument Div.
Liquid Carbonic
Luft Instruments, Inc.
Manostat Corp.
Matheson Gas Products
Mensor Corp.
Meriam Instrument
MKS Instruments, Inc.
Omega Engineering, Inc.
Research, Inc.
Ruska Instrument Corp.
Scientific Glass & Instruments, Inc.
Supelco, Inc.
Thomas Scientific
United Electric Controls Co.
Veriflo Corp.
VICI Metronics, Inc., Condyné Div.

PRESSURE DEVICES - see also pumps

Analabs
Andonian Cryogenics, Inc.
Bailey Controls Co.
Bellofram Corp.
Dresser Industries
The Durlon Co., Inc.
Gilmont Instruments, Inc.
Harvard Apparatus
High Pressure Equipment Co.
LECO Corp., Tem-Press Div.
Omega Engineering, Inc.
Phenomenex
Prolabo
Rainin Instrument Co., Inc.
Ruska Instrument Corp.
Sepor, Inc.
Weksler Instruments Corp.

PRESSURE REACTION APPARATUS - see also calorimeters

Berghof/America, Inc.
Chemical Data Systems
The Durlon Co., Inc.
High Pressure Equipment Co.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
Leco Corp.
LECO Corp., Tem-Press Div.
Ney Products, Inc.
Parr Instrument Co.
Prolabo

PRISMS

Coherent, Inc.
Ealing Electro Optics, Inc.
Edmund Scientific Co.
Esco Products
Fish-Schurman Corp.
Gaertner Scientific Corp.
Harrick Scientific Corp.
Harshaw/Filtrol
Instruments SA, Inc.
International Crystal Labs., Inc.
Janos Technology Inc.
Laser Optics, Inc.
Newport Corp.
Optics For Research, Inc.
Orbeco Analytical Systems, Inc.
Oriel Corp.
Perkin-Elmer Corp.
Rudolph Instruments, Inc.
Spectra-Physics, Laser Products Div.
Spectra-Tech, Inc.
Spindler & Hoyer, Inc.
Thermal American Fused Quartz Co.
Wilkerson Instrument Co., Inc.

PROCESS CONTROL EQUIPMENT - see chromatography, process control and various headings under analyzers

PROGRAMMERS

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Hewlett-Packard Co.
Honeywell, Inc., Industrial Controls Div.
Interactive Microware, Inc.
Research, Inc.
Spectro Products, Inc.
Waters Chromatography

general purpose
Applied Test Systems, Inc.
Cole-Parmer Instrument Co.
Eldex Laboratories, Inc.
Elnik Instruments, Inc.
Hewlett-Packard Co.
Honeywell, Inc., Industrial Controls Div.
Interactive Microware, Inc.
Lab-Crest Scientific
Luft Instruments, Inc.
Nuclide Corp.
Perkin-Elmer Corp.
Prolabo
The Pyrometer Instrument Co., Inc.
Research, Inc.
Spectro Products, Inc.
Teco Manufacturing Co.

Valley Forge Instrument Co., Inc.
Veeder-Root

temperature

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Bailey Controls Co.
Blue M
B-M-A, Inc.
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Cole-Parmer Instrument Co.
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The Foxboro Company
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Jumo Process Control, Inc.
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LeMont Scientific, Inc.
LFE Corp., Instrument Div.
LINDBERG
Neslab Instruments, Inc.
Perkin-Elmer Corp.
Polaron Instruments, Inc.
Prolabo
The Pyrometer Instrument Co., Inc.
Ransco Industries, Inc.
Research, Inc.
SETARAM
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Tecator, Inc.
Teco Manufacturing Co.
Theta Industries, Inc.
Valley Forge Instrument Co., Inc.
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Chrono-Log Corp.
Cole-Parmer Instrument Co.
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Nuclide Corp.
Pharmacia, Inc.
Prolabo
Spectro Products, Inc.
Valcor Engineering Corp.

PROJECTORS

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Newport Corp.

PULP TESTING EQUIPMENT - see paper & pulp testing equipment

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Showa Denko America, Inc.
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UDY Corp.
Varian Instrument Group
Waters Chromatography

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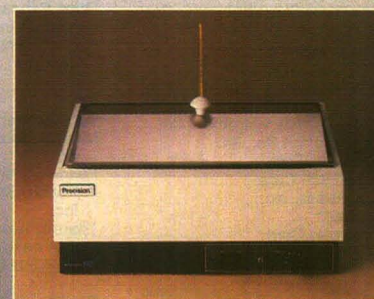
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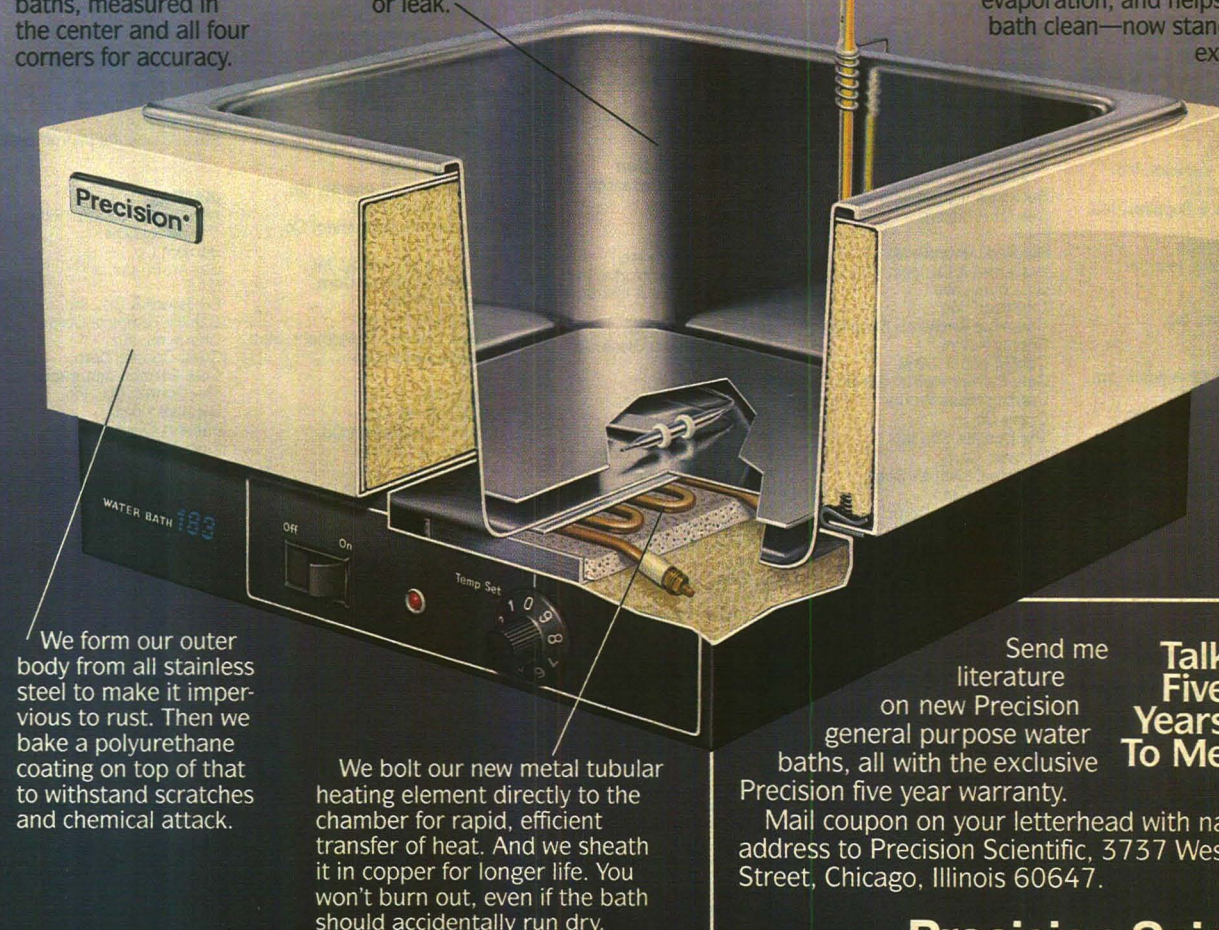
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Thermionics Laboratory, Inc.
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Suprex Corp.
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Wallace & Tiernan
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APV Gaulin, Inc.
Bellofram Corp.
B I F
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Crane Co.
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LiquiFlo Equipment Co.
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Sargent-Welch Scientific Co.
Scientific Glass & Instruments
SGA Scientific Inc.
Shimadzu Corp.
Sunshine Technology Corp
Tudor Scientific Glass Co.
Varian Associates, Inc., Vacuum Products Div.

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Manostat Corp.
New Brunswick Scientific Co., Inc.
Northern Technical & Chemical Services
Orion Research Inc.
Pharmacia, Inc.
Process & Instruments Corp.
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Sepor, Inc.
Serfilco, Ltd.
Spectrum Medical Industries, Inc.
Technicon Industrial Systems
Thomas Scientific
Triplex Systems, Inc.
Universal Scientific, Inc.
Vanton Pump & Equipment Corp.
Wheaton Scientific
Wilkins-Anderson Co.

perfusion, portable
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Harvard Apparatus
Manostat Corp.
Razel Scientific Instruments, Inc.

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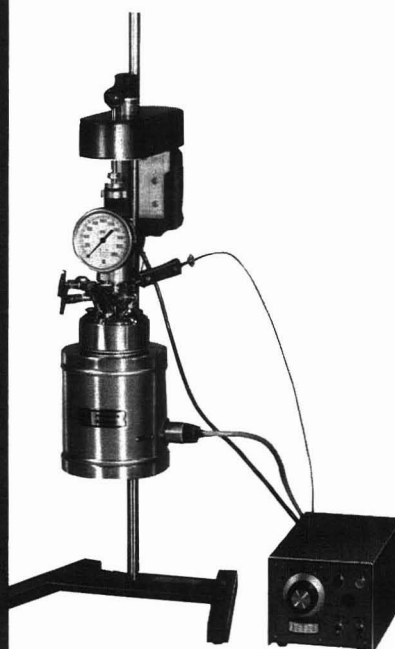
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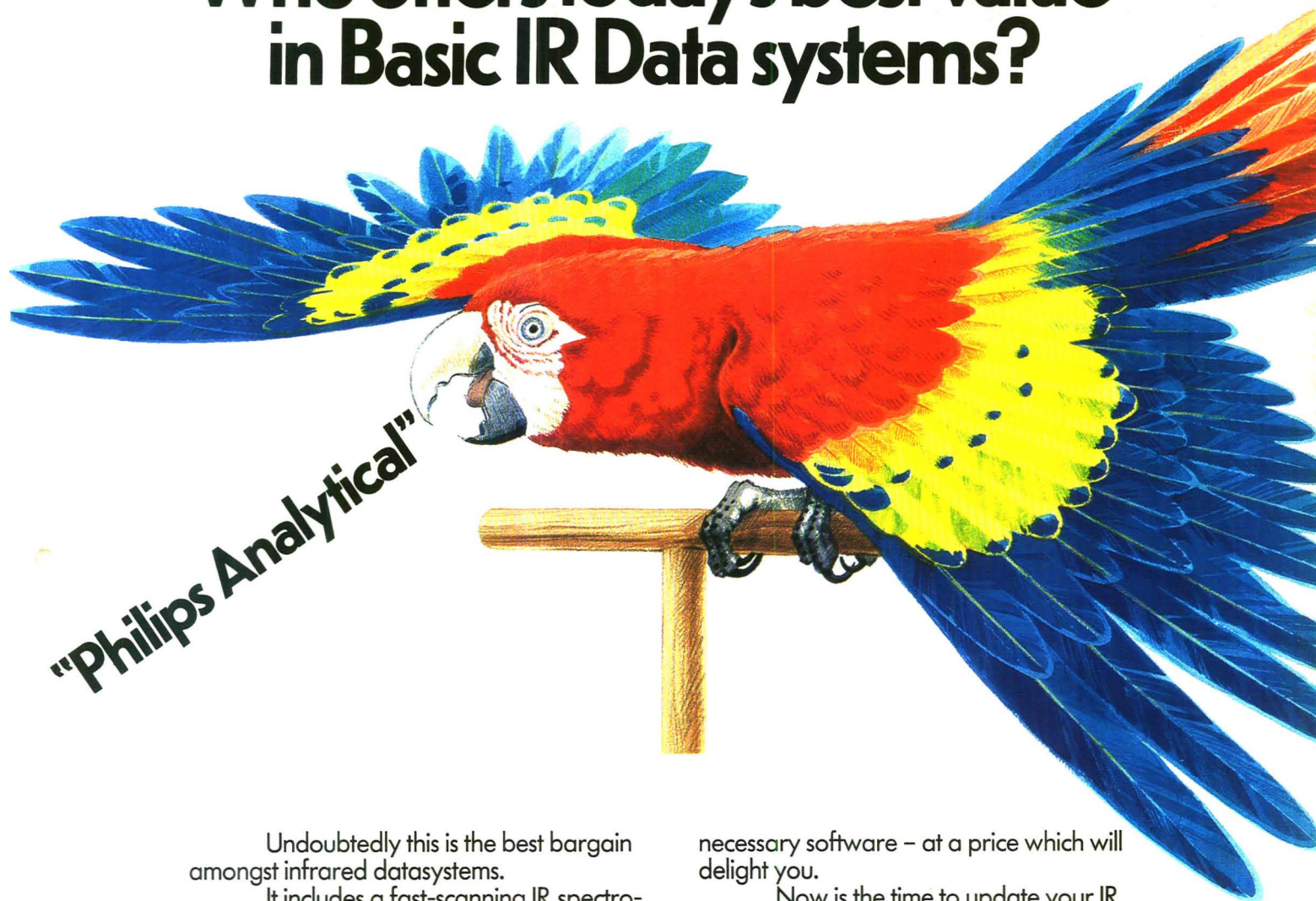
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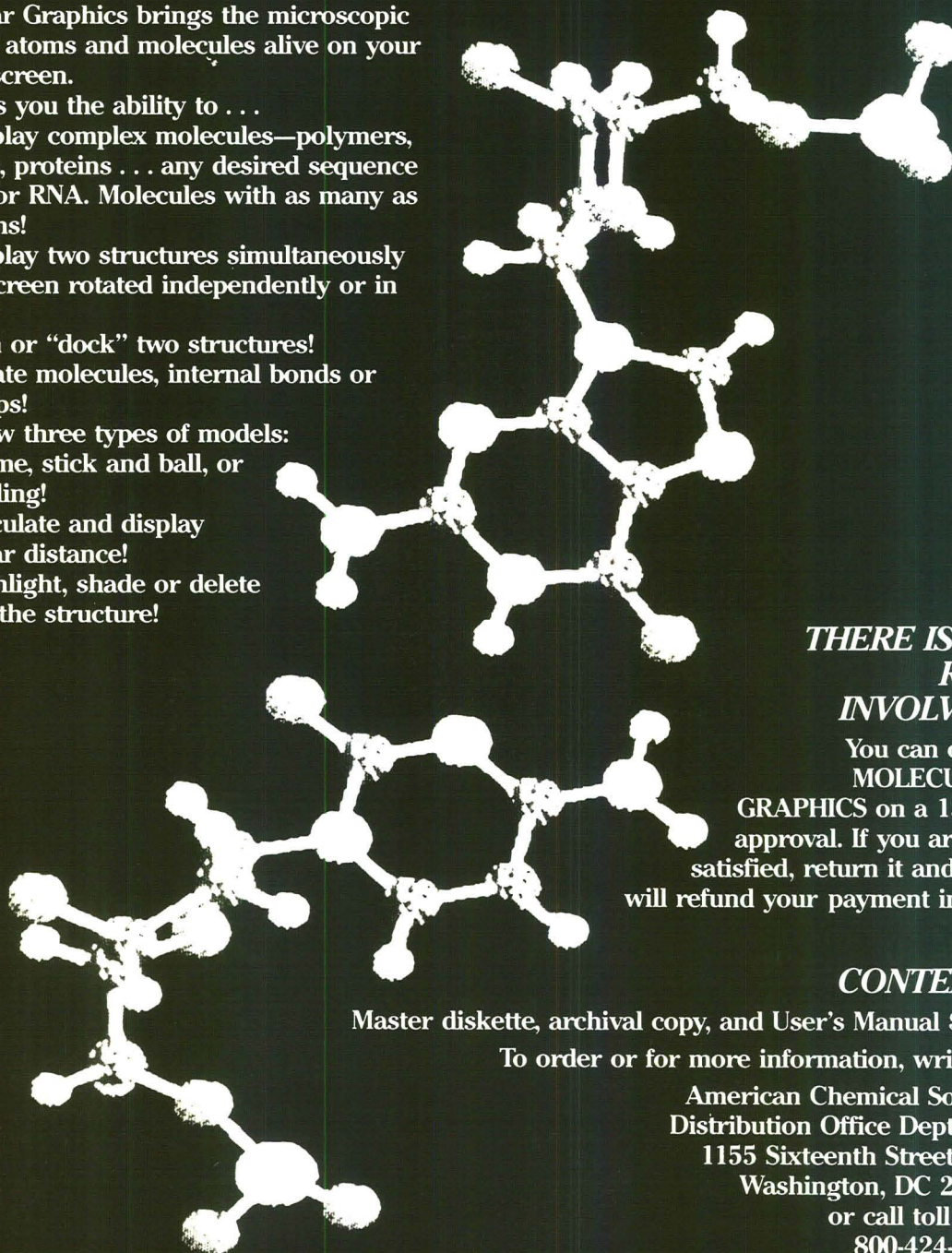
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Nuclear Equipment Chemical Corp.
Nuclear Measurements Corp.
Nuclear Research Corp.
Nuclear Sources & Services, Inc.
The Nucleus, Inc.
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Pye Unicam Ltd.
Radiomatic Instruments & Chemical Co., Inc.
Research Products International Corp.
Teledyne Isotopes
Tennelec, Inc.
TGM Detectors, Inc.

Mossbauer effect - see Mossbauer spectrometers

planchets

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Atomic Products Corp.
Baird Corp.
Ernest F. Fullam, Inc.
ICN Biomedicals
Interex Corp.
Nuclear Associates
Nuclear Equipment Chemical Corp.
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4

Instruments, Equipment & Supplies

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Tennelec, Inc.

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Nuclear Measurements Corp.
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Nuclide Corp.
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Keithley Instruments, Inc.
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Nuclear Equipment Chemical Corp.
Nuclear Measurements Corp.
Nuclear Research Corp.
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Dynalab Corp.
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Scott Aviation
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Teledyne Isotopes

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Nuclear Measurements Corp.
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Nuclide Corp.
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Ludlum Measurements, Inc.
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Kontron AG
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J. T. Baker Chemical Co.
Eberline Instrument Corp.
EG&G Ortec
Harshaw/Filtrol
Hilger Analytical Ltd.

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Kontron AG
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National Diagnostics, Inc.
New England Nuclear
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Nuclear Sources & Services, Inc.
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The Nucleus, Inc.
Physicon Corp.

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Dosimeter Corp.
Eberline Instrument Corp.
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Ludlum Measurements, Inc.
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Nuclear Research Corp.
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Sprague Electric Co.
The Stackpole Corp.

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ICN Biomedicals

RADIOCHROMATOGRAPHY

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Bioscan, Inc.
Nuclear Sources & Services, Inc.
Packard Instrument Co., Inc.

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EQUIPMENT**

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EIMAC
Wm. B. Johnson & Associates, Inc.
Magnaflux Corp.
Nuclear Sources & Services, Inc.

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Barnes Engineering Co.
EG&G Gamma Scientific
EG&G Ortec
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Kahl Scientific Instrument Corp.
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Oriol Corp.
Sira Ltd.
Spectronics Corp.
Spex Industries, Inc.
Tektronix, Inc.
UVP, Inc.

**RATEMETERS - see radiation
equipment**

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Eco Instruments
FIATron Laboratory Systems
Global Process Equipment, Inc.
LECO Corp., Tem-Press Div.
Pickering Laboratories, Inc.
Procedyne Corp.
Charles Ross & Son Co.
Update Instrument, Inc.
Wyssmont Co., Inc.
high pressure
ABI Analytical/Kratos Div.
Berghof/America, Inc.
Brinkmann Instruments, Inc.
Chemical Data Systems
High Pressure Equipment Co.
LECO Corp., Tem-Press Div.
Parr Instrument Co.
Spectra-Tech, Inc.
Update Instrument, Inc.

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General Electric Co.
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Hypotronics, Inc.
Lab Glass, Inc.
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Franklin Miller, Inc.
New Brunswick Scientific Co., Inc.
Parr Instrument Co.
Procedyne Corp.
Charles Ross & Son Co.
Teco Manufacturing Co.

**REAGENT DISPENSERS - see
filling and dispensing
equipment**

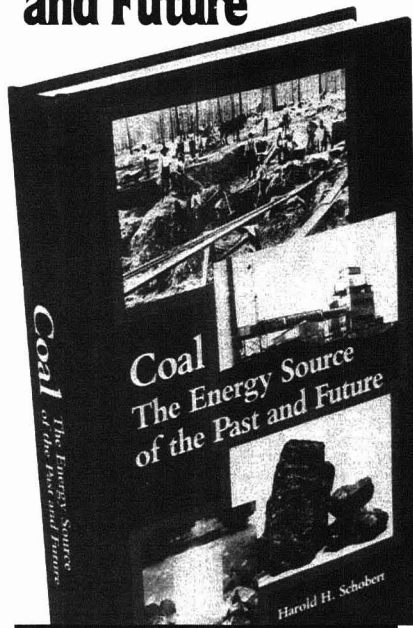
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International Equipment Trading Ltd.

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Analog Devices, Inc.
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Benchmark Industries, Inc.
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Cole-Parmer Instrument Co.
Colt Industries, Fairbanks Weighing Div.
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Doric Scientific
Dragnet Technologies, Inc.
EG&G Ortec
Eink Instruments, Inc.
Esterline Angus Instrument Corp.
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Forma Scientific
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Kaye Instruments, Inc.
Leeds & Northrup Instruments
Linear Instruments Corp.
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LKB Instruments, Inc.
Molytek, Inc.
National Draeger, Inc.
Nicolet Instrument Corp.
Oriol Corp.
Philips Export B.V.
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RDK, Inc.
Rustrak Instruments
Schneider Instrument Co.
Science/Electronics, Inc.
Sierra/Misco, Inc.
Soltec Corp.
Stoelting Co.
Tegal Scientific, Inc.
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Toledo Scale
United Technical Corp.
Veeder-Root
Wilkerson Instrument Co., Inc.
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Ernest F. Fullam, Inc.
galvanometric
Amprobe Instrument
Cole-Parmer Instrument Co.
Eink Instruments, Inc.
Esterline Angus Instrument Corp.
Gilson Medical Electronics, Inc.
Harvard Apparatus
Hewlett-Packard Co.
Honeywell, Inc., Test Instruments Div.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Kernco Instruments Co., Inc.
Linseis, Inc.
MFE Instruments Corp.
The Pyrometer Instrument Co., Inc.
RDK, Inc.
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Science/Electronics, Inc.
Soltec Corp.
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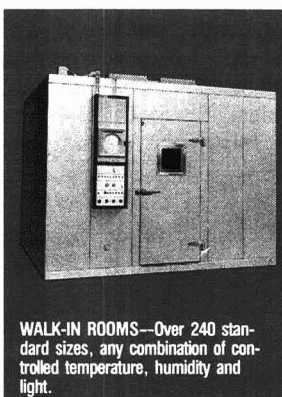
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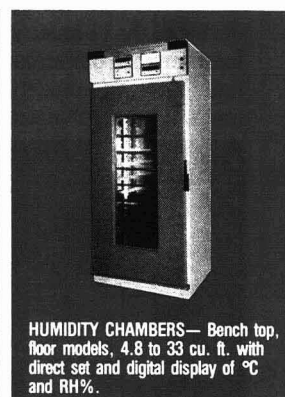
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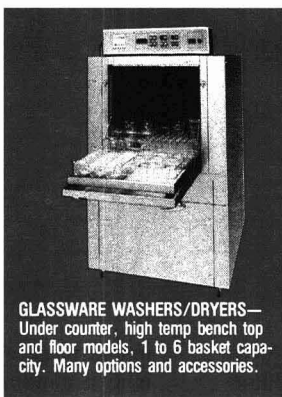
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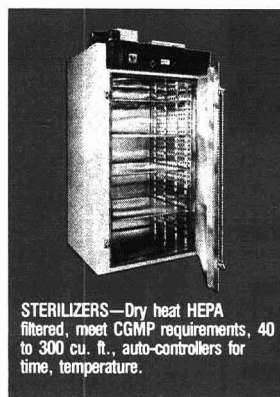
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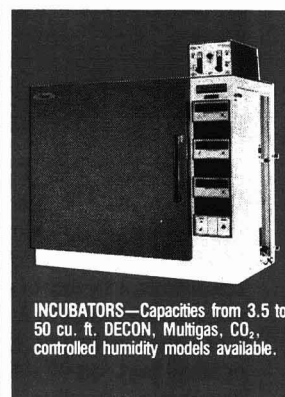
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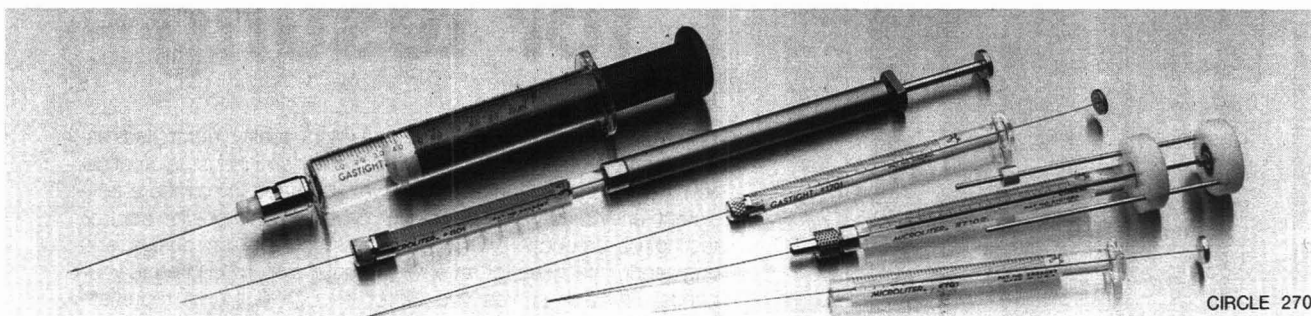
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Analytical and instruments



CIRCLE 270

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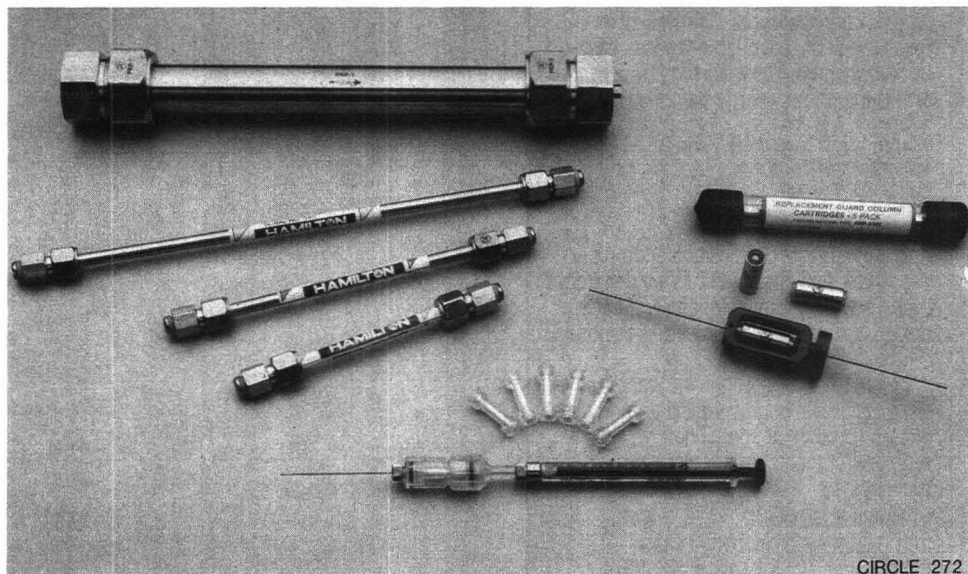
positive displacement 7000-Syringes, with the full capacity in the needle, Hamilton has a full line of precision syringes to meet every research need. You'll also find several special syringes designed to handle

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CIRCLE 271

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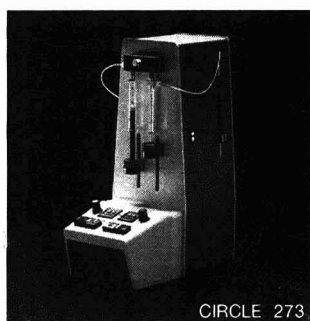
HPLC COLUMNS AND ACCESSORIES—Hamilton produces a variety of polymer-based columns for Reversed-Phase, Anion and Cation High Performance Liquid Chromatography. These columns are stable over virtually the entire pH range, so the effect of the

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Accessories for sample cleanup and cartridge guard columns are available in silica or polymer-based materials for rapid sample preparation and protection of columns from outside impurities.

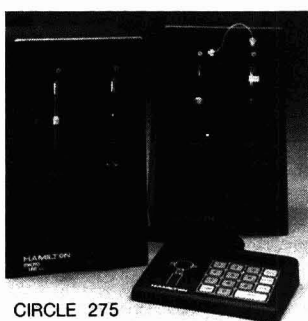
The Hamilton PRP-1 polymer-based Reversed-Phase column is available in analytical, semi-preparative and preparative sizes.

sample handling from Hamilton



CIRCLE 273

DIGITAL DILUTER—The Digital Diluter combines the reliability of solid-state electronics with the accuracy of precision syringes to create a micro-volume liquid handling system that insures you of excellent accuracy and reproducibility. Its digital control system enables the Diluter to pick up and dispense sample volumes as low as $0.5\mu\text{l}$ with better than $\pm 1\%$ accuracy and up to 10ml volumes with $\pm 0.05\%$ reproducibility.

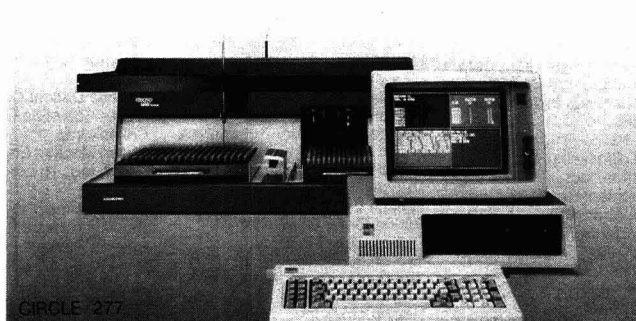


CIRCLE 275

MICROPROCESSOR CONTROLLED DILUTER/DISPENSER—For all your liquid dispensing, diluting and distributing needs from $1\mu\text{l}$ to 10 ml, the Microlab 900 is ideal.

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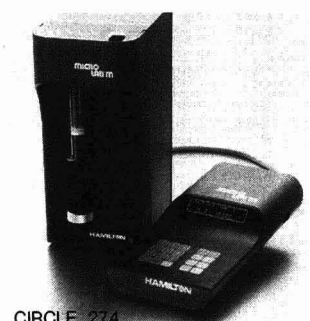
The liquid-tight keyboard and bright, easy-to-read display features user prompts which guide you through the program.



CIRCLE 277

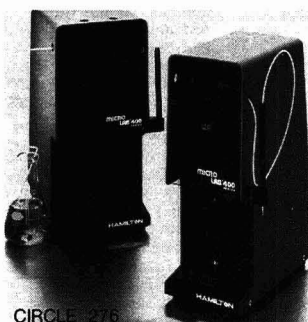
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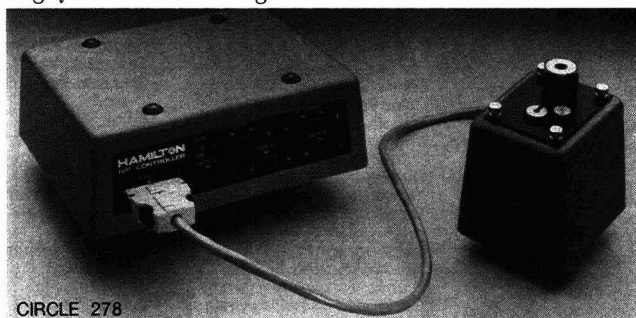
CIRCLE 274

PROGRAMMABLE DISPENSER—Advanced microprocessor control and precision engineering combine in the Microlab M to guarantee performance to the most demanding standards. Ideal for the RIA lab, or for uses in enzymology, hematology, serology, microbiology, or analytical chemistry. You can program in as many as 99 different diluting or dispensing operations.



CIRCLE 276

DILUTER/DISPENSER—The Microlab 400 line of diluter and dispensers insures high accuracy and versatility. The unit incorporates some unique features like precision syringes, simple front panel controls and positive internal stops for easy selection of the required percentage of stroke; all at a low and justifiable price.



CIRCLE 278

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Port-to-port positioning is optimized due to the IVP's ability to rotate either clockwise or counter-clockwise,

thus minimizing the risk of fluid contamination.

The IVP can be cascaded to other controllers (computers) making it possible to operate multiple valves from a single source.

The IVP is ideal for a variety of applications; from the simplest to the most complex.

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Cosa Instrument Corp.
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Rustrak Instruments
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integrating

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Wescan Instruments, Inc.

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Big Three Industries
Bio-Rad Laboratories
Bristol Babcock Inc.
Chrono-Log Corp.
Dianachart, Inc.
Elnik Instruments, Inc.
Esterline Angus Instrument Corp.
Farrand Optical Co., Inc.
Fisher Scientific Co.
Gallenkamp
Gilson Medical Electronics, Inc.
Gould, Inc., Recording Systems Div.
Gow-Mac Instrument Co.
Hewlett-Packard Co.
Hewlett Packard Co. (San Diego)
Honeywell, Inc., Industrial Controls Div.
Houston Instrument
ISCO
Jumo Process Control, Inc.
Kernco Instruments Co., Inc.
Kipp & Zonen
Leeds & Northrup Instruments
Linear Instruments Corp.
Linseis, Inc.
LKB Produkter AB
Molytek, Inc.
Pharmacia, Inc.
Phillips Export B.V.
The Pyrometer Instrument Co., Inc.
Radiometer America, Inc.
RDK, Inc.
Rustrak Instruments
Sargent-Welch Scientific Co.
Sensortek, Inc.
Shimadzu Scientific Instruments, Inc.
Soltec Corp.
Stanton Redcroft
Waters Mfg., Inc.

range expander

Esterline Angus Instrument Corp.
Linear Instruments Corp.
Linseis, Inc.
Sensortek, Inc.
Tekmar Co.

sequential event

Bailey Controls Co.
Benchmark Industries, Inc.
Columbus Instruments
International Corp.
Dianachart, Inc.
Dragnet Technologies, Inc.
Esterline Angus Instrument Corp.
Linear Instruments Corp.
Rustrak Instruments
Science/Electronics, Inc.

servo

Baseline Industries, Inc.
Bristol Babcock Inc.
Capital Controls Co., Inc.
Chrono-Log Corp.
Cole-Parmer Instrument Co.
Esterline Angus Instrument Corp.
Gilson Medical Electronics, Inc.
Hewlett-Packard Co.
Hewlett Packard Co. (San Diego)
Honeywell, Inc., Industrial Controls Div.
Houston Instrument
Kipp & Zonen
Leeds & Northrup Instruments
Linear Instruments Corp.

Linseis, Inc.
Molytek, Inc.
Omega Engineering, Inc.
Radiometer America, Inc.
RDK, Inc.
Rustrak Instruments
Sargent-Welch Scientific Co.
Soltec Corp.
Universal Scientific, Inc.
Waters Mfg., Inc.
Wescan Instruments, Inc.

tape

Digi-Data Corp.
General Electric Co.
Hewlett-Packard Co.
Hewlett Packard Co. (San Diego)
Pharmacia, Inc.
Phillips Export B.V.
Schneider Instrument Co.

temperature

Airflow Developments (Canada), Ltd.
Amprobe Instrument
Andonian Cryogenics, Inc.
Atkins Technical, Inc.
Bacharach, Inc.
Bailey Controls Co.
Benchmark Industries, Inc.
C. W. Brabender Instruments, Inc.
Bristol Babcock Inc.
Brooklyn Thermometer Co., Inc.
Climatronics Corp.
Cole-Parmer Instrument Co.
Crosby Valve & Gage Co.
Cryo-Med
Dianachart, Inc.
Doric Scientific
Dragnet Technologies, Inc.
Elnik Instruments, Inc.
Esterline Angus Instrument Corp.
Exttech Instruments
Fisher Controls International, Inc.
John Fluke Mfg. Co., Inc.
Forma Scientific
The Foxboro Company
Gould, Inc., Recording Systems Div.
Harris Mfg. Co., Inc.
H-B Instrument Co.
Honeywell, Inc.
Honeywell, Inc., Industrial Controls Div.
ITT Barton Instruments
The Jewett Refrigerator Co., Inc.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Kaye Instruments, Inc.
Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
LINDBERG
Linear Instruments Corp.
Linseis, Inc.
MFE Instruments Corp.
Midland Ross
Molytek, Inc.
Omega Engineering, Inc.
Phys-Chemical Research Corp.
The Pyrometer Instrument Co., Inc.
Rustrak Instruments
Science/Electronics, Inc.
Sierra/Misco, Inc.
Solder Absorbing Technology, Inc.
Soltec Corp.
Stanton Redcroft
The Superior Electric Co.
Texas Electronics, Inc.
United Electric Controls Co.
Vanzetti Systems, Inc.
The VirTis Co.
Weksler Instruments Corp.

ultra-speed

Bascom-Turner Instruments
Dianachart, Inc.
Gould, Inc., Recording Systems Div.
Hewlett-Packard Co.
Kinetic Systems Corp.

video graphic

Analog Technology Corp.
Gulton Graphic Instruments Div.
Hamamatsu Corp.
Honeywell, Inc., Test Instruments Div.

Tektronix, Inc.

X-Y plotting

The Anspec Co., Inc.
Bascom-Turner Instruments
Benchmark Industries, Inc.
Bioanalytical Systems, Inc.
C. W. Brabender Instruments, Inc.
Canberra Industries, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Coulter Electronics, Inc.
Dynamab Corp.
Eco Instruments
Farrand Optical Co., Inc.
Gould, Inc., Recording Systems Div.
Hewlett-Packard Co.
Hewlett Packard Co. (San Diego)
Houston Instrument
IBM Instruments, Inc.
Kazmierowicz Instrument Co.
Kipp & Zonen
KMW Corp.
Linseis, Inc.
Medical Laboratory Automation, Inc.
Metrohm
Nicolet Instrument Corp.
Nuclear Associates
Omega Engineering, Inc.
Oriel Corp.
Perkin-Elmer Corp.
Pharmacia, Inc.
Phillips Export B.V.
Pye Unicam Ltd.
RDK, Inc.
Soltec Corp.
Stanton Redcroft
Tegal Scientific, Inc.
Tekmar Co.
Tektronix, Inc.
Universal Scientific, Inc.

other

Airflow Developments (Canada), Ltd.
R. B. Annis Co., Inc.
Bailey Controls Co.
Baird Corp.
Bio-Rad Laboratories
Chrompack International B.V.
Climatronics Corp.
Doric Scientific
Dragnet Technologies, Inc.
The Foxboro Company
Gould, Inc., Recording Systems Div.
Graphic Controls Corp.
Hewlett Packard Co. (San Diego)
Honeywell, Inc., Test Instruments Div.
Houston Instrument
HPLC Technology, Ltd.
Kahl Scientific Instrument Corp.
Kinetic Systems Corp.
Linseis, Inc.
Medical Laboratory Automation, Inc.
Meriam Instrument
MFE Instruments Corp.
Molytek, Inc.
National Draeger, Inc.
Omega Engineering, Inc.
Pacific Instruments, Inc.
Princo Instruments, Inc.
Rainin Instrument Co., Inc.
Sensortek, Inc.
Soltec Corp.
Technology Inc.
Tracor Instruments
Wescan Instruments, Inc.

RECORDING

SPECTROPHOTOMETERS -
see spectrometers, recording

RECTIFIERS - see power supplies

REFINERS, zone

Aremco Products, Inc.
Astro Div., Thermal Technology, Inc.
Atomergic Chemetals Corp.
Brinkmann Instruments, Inc.
Lepel High Frequency Labs., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Reade Metals & Minerals Corp.

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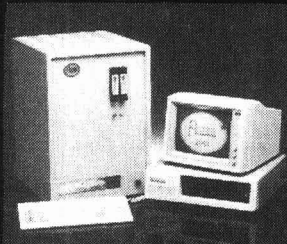
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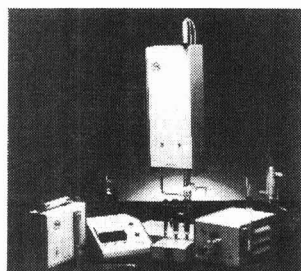


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REFRACTOMETERS AND ACCESSORIES**SAFETY EQUIPMENT** - see also combustion equipment, oxidizer analyzers, radiation equipment**REFRACTOMETERS AND ACCESSORIES**

American Optical Corp.
ANACON
Atago Co., Ltd.
Bio-Rad Laboratories
R. P. Cargille Labs., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Epic, Inc.
Extex Instruments
Fisher Scientific Co.
Gaertner Scientific Corp.
Kernco Instruments Co., Inc.
Lockwood and McLorie Inc.
Milton Roy Co.
Milton Roy Co., Analytical Products Div.
Milton Roy Co., LDC Div.
National Instrument Co., Inc.
Perkin-Elmer Corp.
Prolabo
Reichert-Jung, Cambridge Instruments, Inc.
Rudolph Instruments, Inc.
Schlueter Instruments Corp.
Tecator, Inc.
Universal Scientific, Inc.
Waters Chromatography
Wilkins-Anderson Co.

REFRACTORIES - see also combustion equipment

Alfa Products
Atomerger Chemetals Corp.
LINDBERG
Manville
Norton Co. (Mass.)

REFRIGERATORS AND REFRIGERATING EQUIPMENT

American Scientific Products
The Anspec Co., Inc.
Bay Voltex Corp.
Blue M
Cincinnati Sub-Zero Products, Inc.
Fisher Scientific Co.
Forma Scientific
FTS Systems, Inc.
Harris Mfg. Co., Inc.
The Jewett Refrigerator Co., Inc.
Kelvinator Scientific
Lab-Line Instruments, Inc.
LKB Instruments, Inc.
LKB Produkter AB
Napco
Neslab Instruments, Inc.
Niagara Blower Co.
Nuclear Associates
Polaron Instruments, Inc.
PolyScience Corp.
Precision Scientific, Inc.
Procedyne Corp.
RESCO Scientific Co.
RMC-Cryosystems
Sargent-Welch Scientific Co.
Scientific Systems Corp.
Union Carbide Corp.
Wilkins-Anderson Co.

REFRIGERATORS, cryogenic - see cryogenic equipment**REGULATORS****AC electronic**

The Anspec Co., Inc.
PMC Industries, Inc.
Rapid Power Technologies
Research, Inc.
The Superior Electric Co.
Technipower

AC magnetic (resonant type)

Hipotronics, Inc.
Rapid Power Technologies

AC special purpose, high precision, fast response

Hipotronics, Inc.
Research, Inc.
Technipower

pressure

Airco Special Gases
Air Products & Chemicals, Inc.
Alltech Associates/Applied Science

Alphagaz Specialty Gases
Analabs
Andonian Cryogenics, Inc.
Ashland Chemical Co.
Ashland Chemical Co., Scientific Gas Products
Bailey Controls Co.
Balston, Inc.
Balzers
Bellofram Corp.
Big Three Industries
The Boc Group, Inc.
Capital Controls Co., Inc.
Chrompack International B.V.
Circle Seal Controls
Cryogenic Rare Gas
Datametrics
Fisher Controls International, Inc.
Fluorocarbon Co.
Foxboro Analabs
Gilmont Instruments, Inc.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
J & W Scientific, Inc.
Liquid Carbonic
Manostat Corp.
Matheson Gas Products
M G Industries
MKS Instruments, Inc.
Northern Technical & Chemical Services
Pope Scientific, Inc.
Porter Instrument Co., Inc.
Scientific Glass Engineering, Inc.
Scott Specialty Gases
SETARAM
Spectrum Medical Industries, Inc.
Supelco, Inc.
Thomas Scientific
Union Carbide Corp.
Union Carbide Corp., Linde Div.
Veriflo Corp.
VICI Metronics, Inc., Condyle Div.

thermo

Accuspec Instrumentation Corp.
Andonian Cryogenics, Inc.
B. Braun Instruments
Cole-Parmer Instrument Co.
Coy Laboratory Products
George Associates
H-B Instrument Co.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
Neslab Instruments, Inc.
PolyScience Corp.
Pope Scientific, Inc.
Princo Instruments, Inc.
The Pyrometer Instrument Co., Inc.
Techne Incorporated

vacuum

Alphagaz Specialty Gases
Andonian Cryogenics, Inc.
Bailey Controls Co.
Balzers
Bellofram Corp.
Benchmark Industries, Inc.
The Boc Group, Inc.
Circle Seal Controls
Cole-Parmer Instrument Co.
Datametrics
Gilmont Instruments, Inc.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
Kinney Vacuum Co.
Kontes
Leybold-Heraeus Vacuum Products, Inc.
Manostat Corp.
Matheson Gas Products
MKS Instruments, Inc.
Perkin-Elmer Corp.
Perkin-Elmer Vacuum Products
Pope Scientific, Inc.
Prolabo
Reliance Glass Works, Inc.
RMC-Cryosystems
Scott Specialty Gases
Spectrum Medical Industries, Inc.

Teledyne Hastings-Raydist
Thomas Scientific
Varian Associates, Inc., Vacuum Products Div.

voltage, - AC or DC

The Anspec Co., Inc.
Del Electronics Corp.
EG&G Ortec
Electrothermal, Inc.
General Electric Co.
Hipotronics, Inc.
Lambda Electronics
Nuclide Corp.
NWL Transformers
Rapid Power Technologies
Research, Inc.
The Superior Electric Co.
Technipower
Teledyne Philbrick

current, - AC or DC

Electrothermal, Inc.
George Associates
Honeywell, Inc., Industrial Controls Div.
Lake Shore Cryotronics, Inc.
Lambda Electronics
Nuclide Corp.
NWL Transformers
Rapid Power Technologies
Research, Inc.
The Superior Electric Co.
Technipower
Teledyne Philbrick

transformers, variable

Del Electronics Corp.
Hipotronics, Inc.
Lab Glass, Inc.
NWL Transformers
Oriental Corp.
Research, Inc.
The Superior Electric Co.
Technipower

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Automatic Switch Co.
H-B Instrument Co.

mercury contact

General Electric Co.
H-B Instrument Co.

mercury plunger

H-B Instrument Co.

sensitive

Automatic Switch Co.
General Electric Co.
H-B Instrument Co.
Princo Instruments, Inc.
SSAC, Inc.

solid-state

Automatic Switch Co.
Chromalox
Eastman Kodak Co.
H-B Instrument Co.
Omega Engineering, Inc.
Paragon Electric Co., Inc.
Princo Instruments, Inc.
SSAC, Inc.

REMOTE MEASURING AND TESTING EQUIPMENT

ANACON
Astrosystems, Inc.
Automation Products, Inc.
Bristol Babcock Inc.
Capital Controls Co., Inc.
Climatronics Corp.
Cole-Parmer Instrument Co.
Data Translation, Inc.
Dragnet Technologies, Inc.
Eberline Instrument Corp.
EG&G Gamma Scientific
The Foxboro Company
General Fiber Optics, Inc.
Guided Wave, Inc.
Ionics, Inc.
Kaye Instruments, Inc.
Kinetic Systems Corp.
Leeds & Northrup Instruments
Mechanical Technology, Inc.
Omega Engineering, Inc.
Orbisphere Laboratories
PCP, Inc.
Princo Instruments, Inc.
Racal-Dana Instruments, Inc.
Research Ventures, Inc.
Science/Electronics, Inc.
Sensidyne, Inc.

Sierra/Misco, Inc.
Tegal Scientific, Inc.
Tektronix, Inc.
Thomas Scientific
United Electric Controls Co.
United Technical Corp.
Zymark Corp.

RESISTANCE BRIDGES AND STANDARDS

Biddle Instruments
Biomagnetic Technologies, Inc.
John Fluke Mfg. Co., Inc.
Leeds & Northrup Instruments
Racal-Dana Instruments, Inc.
Yellow Springs Instrument Co., Inc.

RESPIRATORS - see safety equipment**RETORTS**

Bico, Inc.
Core Laboratories
The Mellen Co., Inc.
Prolabo
Ruska Instrument Corp.

RHEOMETERS

Bohlin Reologi AB
C. W. Brabender Instruments, Inc.
Brookfield Engineering Labs., Inc.
Burrell Corp.
Custom Scientific Instruments, Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
Haake Buchler Instruments, Inc.
G. K. Heller Corp.
Kayeness, Inc.
Prolabo
Rheometrics, Inc.
Spectro Products, Inc.
Tekmar Co.
Thomas Scientific

RING AND BALL APPARATUS - see asphalt testing equipment**RINGS**

The Duriron Co., Inc.
Esco Products
Parker-Hannifin Corp., Seal Group
Prolabo

RODS, quartz

Atomerger Chemetals Corp.
Buck Scientific, Inc.
Dell Optics Co., Inc.
Esco Products
Friedrich & Dimmock, Inc.
Galbraith Laboratories, Inc.
General Electric Co., Lamp Glass Dept.
Goodfellow Metals Cambridge, Ltd.
Lab Glass, Inc.
Quartz Products Corp.
Reliance Glass Works, Inc.
Sun Brokers, Inc.
Thermal American Fused Quartz Co.
Wale Apparatus Co.
Wilma Glass Co., Inc.

ROTATORS - see shakers**RUBBER TESTING EQUIPMENT**

Blue M
C. W. Brabender Instruments, Inc.
Custom Scientific Instruments, Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
Epic, Inc.
Haake Buchler Instruments, Inc.
Hipotronics, Inc.
Mast Development Co.
Omnitherm Corp.
Perkin-Elmer Corp.
Precision Scientific, Inc.
Rheometrics, Inc.
Shimadzu Scientific Instruments, Inc.
Testing Machines, Inc.

SACCHARIMETERS

Atago Co., Ltd.
Brooklyn Thermometer Co., Inc.
Dionex Corp.
General Scientific Equipment Co.
Instruments For Research & Industry
Kernco Instruments Co., Inc.
Prolabo
Rudolph Instruments, Inc.
Rudolph Research

SAFETY EQUIPMENT - see also combustion equipment, oxidizer analyzers, radiation equipment**aprons**

American Scientific Products
Bel-Art Products
The Boc Group, Inc.
Cole-Parmer Instrument Co.
Dynalab Corp.
Edmont
Ejay International
General Scientific Equipment Co.
Harvard Apparatus
ICN Biomedicals
Interex Corp.
North (Siebe North, Inc.)
Nuclear Associates
Nuclear Equipment Chemical Corp.
Polysciences, Inc.
Thomas Scientific
Wale Apparatus Co.

biological safety enclosures

BBL Microbiology Systems
Belco Glass, Inc.
Dynalab Corp.
EACI/Enviro
Forma Scientific
HEMCO Corp.
Interex Corp.
Kewaunee Scientific Corp.
Labconco Corp.
Nuclear Associates
Tegal Scientific, Inc.

breathing equipment

American Optical Corp.
Barnebey-Cheney
The Boc Group, Inc.
General Scientific Equipment
Hankson Corp.
Mine Safety Appliances Co.
National Draeger, Inc.
North (Siebe North, Inc.)
Preiser Scientific, Inc.
Scott Aviation

cans

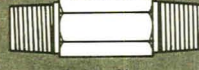
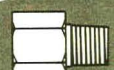
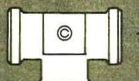
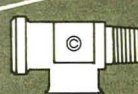
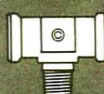
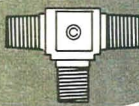
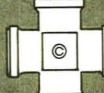
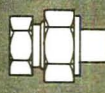
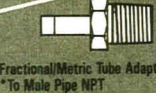
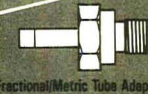
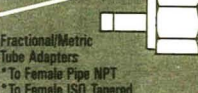
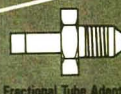
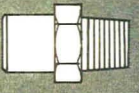
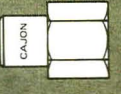
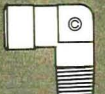
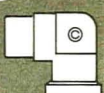
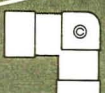
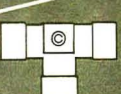
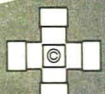
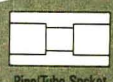
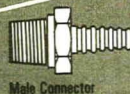
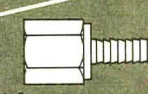
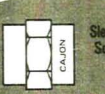
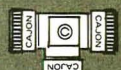
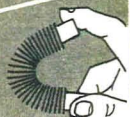
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Eagle Manufacturing Co.
Ellis, Inc.
EM Science
General Scientific Equipment Co.
Interex Corp.
Wilkins-Anderson Co.

eyeglasses and goggles

Air Products & Chemicals, Inc.
American Optical Corp.
American Ultraviolet Co.
Bel-Art Products
Bethlehem Apparatus Co., Inc.
The Boc Group, Inc.
Chemtrix, Inc.
DEVCO Engineering, Inc.
Dynalab Corp.
Fish-Schurman Corp.
General Scientific Equipment
Harvard Apparatus
Interex Corp.
Lab-Line Instruments, Inc.
Mine Safety Appliances Co.
Newport Corp.
North (Siebe North, Inc.)
Nuclear Associates
Polysciences, Inc.
Sepor, Inc.
Spectronics Corp.
Thomas Scientific
Universal Scientific, Inc.
UVP, Inc.

CAJON[®] PRECISION FITTINGS

for Pipe Systems / Glass, Metal or Plastic Tubing Systems /
Welded Systems and Vacuum Systems

 Close Nipple	 Hex Nipple	 Hex Reducing Nipple	 Hex Long Nipple	 Adapter	 Reducing Adapter
 Hex Coupling	 Hex Reducing Coupling	 Reducing Bushing	 Cap	 Plug	 Elbow
 Street Elbow	 Reducing Street Elbow	 Male Elbow	 Tee	 Street Tee	 Branch Tee
 Male Tee	 Cross	 Union Ball Joint	 Adapter Female NPT to Male ISO Tapered	 Adapter Female NPT to Male ISO Parallel	 Hex Nipple Male NPT to Male ISO Tapered
 Hex Nipple Male NPT to Male ISO Parallel	 Fractional/Metric Tube Adapters *To Male Pipe NPT *To Male ISO Tapered	 Fractional/Metric Tube Adapters *To Male ISO Parallel	 Fractional Tube Adapter to Male SAE	 Fractional/Metric Tube Adapters *To Female Pipe NPT *To Female ISO Tapered *To Female ISO Parallel	 Fractional Tube Adapter to Male AN Flare
 Socket Weld Male Connector	 Socket Weld Female Connector	 Socket Weld Male Elbow	 Socket Weld Female Elbow	 Socket Weld Union Elbow	 Socket Weld Union Tee
 Socket Weld Union Cross	 Pipe/Tube Socket Weld Union	 Socket Weld Adapter	 Male Connector Tapered/Serrated	 Female Connector Serrated/Tapered	 Tube Hose Connector Tapered/Serrated
 Male Connector to Soft PVC Tubing	 Tube Adapter to Soft PVC Tubing	 Sleeve for Soft PVC Tubing	 Snubber Reducing Adapter	 Male Pipe to Swagelok Snubber	 SVCO Snubber Assembly
FOR QUICK FINGER-TIGHT ASSEMBLY  UT Male Connector  UT Tee  UT Union  UT Adapter					
NO AXIAL CLEARANCE NEEDED FOR DISASSEMBLY  Glass/Metal (304L) Transition Tube					
VCR ALL METAL SEAL  Nut  Gland  Male Nut  Gasket					
VCO O-RING COUPLING  Nut  Body					
STAINLESS STEEL FLEXIBLE HOSE Lined with TFE  Integral VCO® Ends  Integral Tube Adapter Ends					
321SS Flexible Tubing  321 Flexible Glass End Tubing					

Variety of components available to make up many different assemblies

Credits: Monel, Inconel-TM International Nickel / Carpenter 20-TM Carpenter Technology / Hastelloy C-TM Cabot Corp. / Swagelok-TM Crawford Fitting Company

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304L SS Flanges for Tubing up to 1 1/2" O.D.

CAJON Company, 9760 Shepard Rd., Macedonia, OH 44056

CIRCLE 53 ON READER SERVICE CARD

ANALYTICAL CHEMISTRY, VOL. 59, NO. 16, AUGUST 15, 1987 • 167

SHAKERS

VWR Scientific
Wale Apparatus Co.
Wilkins-Anderson Co.

eyewash fountains

Bel-Art Products
Chemtrix, Inc.
DynaLab Corp.
Fisher Scientific Co.
General Scientific Equipment Co.

Harvard Apparatus
HEMCO Corp.
Interex Corp.
Lab-Line Instruments, Inc.
Nalge Co.
Wale Apparatus Co.

flammable materials, storage cabinets

The Anspec Co., Inc.
Cole-Parmer Instrument Co.
DynaLab Corp.
Eagle Manufacturing Co.
Equipto
Fisher Scientific Co.
General Scientific Equipment
Interex Corp.
Kelvinator Scientific
Kewaunee Scientific Corp.
Lab-Line Instruments, Inc.
Precision Scientific, Inc.
RESCO Scientific Co.
Thomas Scientific
UIC, Inc.
Wilkins-Anderson Co.

gas masks

The Boc Group, Inc.
Cole-Parmer Instrument Co.
DEVCO Engineering, Inc.
General Scientific Equipment Co.
Harvard Apparatus
Interex Corp.
Mine Safety Appliances Co.
National Draeger, Inc.
Scott Aviation

gloves

Air Products & Chemicals, Inc.
American Scientific Products
The Anspec Co., Inc.
Bel-Art Products
The Boc Group, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
DEVCO Engineering, Inc.
DynaLab Corp.
Edmont
Forma Scientific
General Scientific Equipment Co.
Harris Mfg. Co., Inc.
Harvard Apparatus
ICN Biomedicals
Interex Corp.
Labconco Corp.
Mine Safety Appliances Co.
North (Siebe North, Inc.)
Nuclear Equipment Chemical Corp.
Nuclear Sources & Services, Inc.
Polysciences, Inc.
Sepor, Inc.
Thomas Scientific
VWR Scientific
Wale Apparatus Co.
Wilkins-Anderson Co.

protective clothing

Air Products & Chemicals, Inc.
American Scientific Products
Bel-Art Products
The Boc Group, Inc.
Cole-Parmer Instrument Co.
DynaLab Corp.
Edmont
Harris Mfg. Co., Inc.
Harvard Apparatus
ICN Biomedicals
Interex Corp.
Mine Safety Appliances Co.
National Draeger, Inc.
Nuclear Associates
Nuclear Sources & Services
SAS Pharmaceuticals, Ltd.
Sepor, Inc.
Simco Co., Inc.
Wale Apparatus Co.

protective skin creams

American Optical Corp.
American Scientific Products
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Harvard Apparatus
Interex Corp.
Mine Safety Appliances Co.
North (Siebe North, Inc.)

radiation - see radiation equipment**safety blankets**

Chemtrix, Inc.
DynaLab Corp.
Fisher Scientific Co.
General Scientific Equipment Co.

safety shields

Air Products & Chemicals, Inc.
American Optical Corp.
Bel-Art Products
Chemtrix, Inc.
DynaLab Corp.
Ejay International
Fisher Scientific Co.
General Scientific Equipment Co.

ICN Biomedicals
Instruments For Research & Industry
Interex Corp.
Lab-Line Instruments, Inc.
Mine Safety Appliances Co.
Nalge Co.
North (Siebe North, Inc.)
Nuclear Associates
Nuclear Equipment Chemical Corp.
Nuclear Sources & Services, Inc.

Reactor Experiments, Inc.
Sargent-Welch Scientific Co.
SAS Pharmaceuticals, Ltd.
Thomas Scientific
Wale Apparatus Co.
Wheaton Scientific
Wilkins-Anderson Co.

safety signs
Air Products & Chemicals, Inc.
Bel-Art Products
CAL-AV Labs, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
General Scientific Equipment Co.

ICN Biomedicals
Interex Corp.
Lab Safety Supply Co.
Nuclear Associates
Safety Specialists, Inc.
UIC, Inc.
Wale Apparatus Co.

showers, safety
Fisher Scientific Co.
General Scientific Equipment Co.

HEMCO Corp.
Interex Corp.

spill cleanup

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Cole-Parmer Instrument Co.
DynaLab Corp.
EM Science
Fisher Scientific Co.
The Foxboro Company
Harvard Apparatus
Interex Corp.
Lab Safety Supply Co.
Mallinckrodt, Inc.
Nuclear Associates
Sunshine Technology Corp.
Thomas Scientific
Wilkins-Anderson Co.

other

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AMSCO/American Sterilizer Co.
Analytical Products, Inc.
Ashland Chemical Co., Scientific Gas Products

Chrompack, Inc.
Data Instruments, Inc.
Harris Mfg. Co., Inc.
Heat Systems-Ultrasonics, Inc.
Hengar Co. Div.
Lab-Line Instruments, Inc.
Lab Safety Supply Co.
MDA Scientific, Inc.
Scott Aviation
Sepor, Inc.
Solder Absorbing Technology, Inc.
Spectrum Medical Industries, Inc.
Teledyne Analytical Instruments
Troemner, Inc.
TSI, Inc.
Wheaton Scientific

SAMPLE PREPARATION INSTRUMENTATION

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Analtech, Inc.
Analytichem International
Angstrom, Inc.
The Anspec Co., Inc.
Applied Biosystems, Inc.
ARIES
Brinkmann Instruments, Inc.
Buck Scientific, Inc.
Buehler Ltd.
Cem Corp.
Corporation Scientifique Claisse
CUNO, Inc.
FIATron Laboratory Systems
The Foxboro Company
Hamilton Co.
Perkin-Elmer Corp.
Sepor, Inc.
Spex Industries, Inc.
Varian Instrument Group
Wheaton Scientific
Xyde Corp.
Zymark Corp.

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Alltech Associates/Applied Science
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American Sigma
Analytical Bio-Chemistry Labs., Inc.
Andersen Samplers, Inc.
Bel-Art Products
BGI, Inc.
Big Three Industries
Brailsford & Co., Inc.
Buck Scientific, Inc.
Chemtrix, Inc.
Controlled Environment Equipment Corp.
Corporation Scientifique Claisse
DEVCO Engineering, Inc.
E. I. duPont de Nemours & Co., Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
DynaLab Corp.
Eberline Instrument Corp.
Fluid Metering, Inc.
The Foxboro Company
Gilson Co., Inc.
Gilson Medical Electronics, Inc.
Hach Co.
Hamilton Co.
Hinds International, Inc.
HI-Q Environmental Products Co.
ISCO
Ivek Corp.
Koehler Instrument Co., Inc.
Kontes
Lab-Line Instruments, Inc.
Leeds & Northrup Instruments
MDA Scientific, Inc.
Microscal, Ltd.
Millipore Corp.
Milton Roy Co., Analytical Products Div.
Mine Safety Appliances Co.
New Brunswick Scientific Co., Inc.
Nuclear Associates
Prolabo
Quantachrome Corp.
Scientific Glass & Instruments

Sepor, Inc.
Spectrex Corp.
The Staplex Co.
Sunshine Technology Corp
Tektronix, Inc.
Thomas Scientific
Varian Instrument Group
Wheaton Scientific

SCRUBBERS, fume, for laboratory use

American Air Filter
Chem-Pro Corp.
D.R. Technology, Inc.
Harvard Apparatus
Heat Systems-Ultrasonics, Inc.
Labconco Corp.
Sepor, Inc.

SEALANTS AND GREASES - see also vacuum sealants

American Scientific Products
Biddle Instruments
Cajon Co.
CVC Products, Inc.
Dow Corning Corp.
Edwards High Vacuum, Inc.
Polaron Instruments, Inc.
Thomas Scientific
Varian Associates, Inc., Vacuum Products Div.

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Balseal Engineering Co., Inc.
Bellofram Corp.
Dow Corning Corp.
The Duriron Co., Inc.
Edwards High Vacuum, Inc.
EG&G Sealol, Inc.
Eugene Ernst Products Co.
Fluorocarbon Co.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Seal Group
Perkin-Elmer Vacuum Products
Scientific Specialties Service, Inc.
Union Carbide Corp.
Union Carbide Corp., Carbon Products Div.
Varian Associates, Inc., Vacuum Products Div.

SEMICONDUCTOR DEVICES

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EG&G Inc., Electro-Optics Div.
EG&G Ortec
EIMAC
GE/RCA Solid State
General Electric Co.
Hewlett-Packard Co.
Honeywell, Inc.
IBM Instruments, Inc.
Norton Co. (Mass.)
Reliance Glass Works, Inc.
Sprague Electric Co.
Tennelec, Inc.
Union Carbide Corp., Carbon Products Div.

SENSORS, temperature

Atkins Technical, Inc.
Brooklyn Thermometer Co., Inc.
Burling Instruments, Inc.
Chromalox
Climatronics Corp.
Cole-Parmer Instrument Co.
Cosa Instrument Corp.
Cryo-Med
EG&G Gamma Scientific
Engineered Systems & Designs
Extex Instruments
Fenwal Electronics/APD
John Fluke Mfg. Co., Inc.
General Electric Co.
Honeywell, Inc.
Honeywell, Inc., Industrial Controls Div.
Kahl Scientific Instrument Corp.
Kazmierowicz Instrument Co.

Kernco Instruments Co., Inc.
Lake Shore Cryotronics, Inc.
Leeds & Northrup Instruments
LFE Corp., Instrument Div.
Omega Engineering, Inc.
Precision Digital Corp.
Princo Instruments, Inc.
Prolabo
RdF Corp.
RMC-Cryosystems
Sargent-Welch Scientific Co.
Science/Electronics, Inc.
Scientific Glass & Instruments, Inc.
Sensortek, Inc.
Sepor, Inc.
Solder Absorbing Technology, Inc.
Teco Manufacturing Co.
Tektronix, Inc.
Temp-Pro, Inc.
Texas Electronics, Inc.
Thermo Electric Co., Inc.
Thermometrics, Inc.
United Electric Controls Co.
United States Testing Co., Inc.
Yellow Springs Instrument Co., Inc.

SHAKERS**blood pipet**

Ames Co.
The Anspec Co., Inc.
Clay Adams
Drummond Scientific Co.
Eberbach Corp.
Labindustries, Inc.
VWR Scientific

flask

The Anspec Co., Inc.
Bellco Glass, Inc.
Bico, Inc.
B. Braun Instruments
Burrell Corp.
Corning Glass Works
Eberbach Corp.
Gallenkamp
Glas-Col Apparatus Co.
Hotpack Corp.
Lab-Line Instruments, Inc.
Norton Performance Plastics
Precision Scientific, Inc.
Prolabo
Queue Systems
Tegal Scientific, Inc.
Tekmar Co.
Thermolyne Corp.
Thomas Scientific
Wheaton Scientific
Wilkins-Anderson Co.
Yamato USA, Inc.

incubator

Bico, Inc.
B. Braun Instruments
Eberbach Corp.
Gallenkamp
Glas-Col Apparatus Co.
Hotpack Corp.
Lab-Line Instruments, Inc.
New Brunswick Scientific Co., Inc.
Prolabo
Queue Systems
Thermolyne Corp.

reciprocating

B. Braun Instruments
Burrell Corp.
Eberbach Corp.
Forma Scientific
Gallenkamp
Hotpack Corp.
Labindustries, Inc.
Lab-Line Instruments, Inc.
New Brunswick Scientific Co., Inc.
Precision Scientific, Inc.
Prolabo
Supelco, Inc.
Tekmar Co.
Thermolyne Corp.
Thomas Scientific

rotating

Alphamedics Mfg. Corp.
American Scientific Products
Barnant Co.
Bellco Glass, Inc.
Bico, Inc.
B. Braun Instruments
Clay Adams
Cole-Parmer Instrument Co.

4

Instruments, Equipment & Supplies

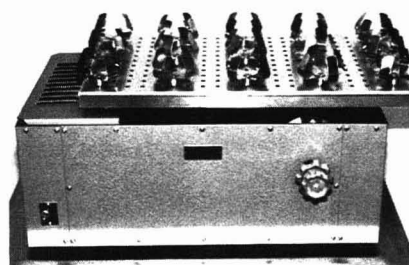


Dependable Dependable



Shown with
6170 platform tiered

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Shown with
6070 flask holder

Reciprocating Shaker power unit for continuous duty operation. Sturdy V-belt drive. Variable speed control from 60 to 240 movements/minute. A large variety of accessories are available. For use on 115V 60HZ, also available for 230V 50HZ. Catalog #6000.

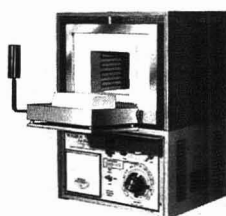
CIRCLE 316 ON READER SERVICE CARD

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LABORATORY OVENS

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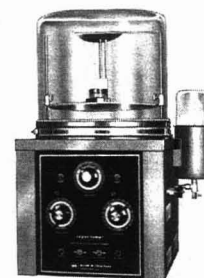
FURNACES

Dozens of models... bench and floor types... to +1620°C. All but budget models — which start at well under \$600 have built-in overtemperature protection. All have solid-state instrumentation including Stabil-Glow and RAD-O-GLOW Global® Furnaces with Solid-State Indicating Control Potentiometers.



BATHS

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For full information, contact: Blue M, A Unit of
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Telephone: (312) 385-9000.



BLUE M

A UNIT OF GENERAL SIGNAL
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Gallenkamp
Glas-Col Apparatus Co.
Hengar Co. Div.
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Lab-Line Instruments, Inc.
New Brunswick Scientific Co., Inc.

Polysciences, Inc.
Precision Scientific, Inc.
Prolabo
Queue Systems
Tegal Scientific, Inc.
Tekmar Co.
Thermolyne Corp.
Thomas Scientific
Troemner, Inc.
Wheaton Scientific

sieve

Bico, Inc.
Brinkmann Instruments, Inc.
FMC Corp., Material Handling Equipment Div.
Gilson Co., Inc.
International Equipment Co.
Sepor, Inc.
Tekmar Co.
Thomas Scientific

water bath

Airflow Developments (Canada), Ltd.
American Scientific Products
Bico, Inc.
Blue M
Cole-Parmer Instrument Co.
Eberbach Corp.
Fisher Scientific Co.
Forma Scientific
Gallenkamp
Haake Buchler Instruments, Inc.
Hotpack Corp.
Koehler Instrument Co., Inc.
Lab-Line Instruments, Inc.
Neslab Instruments, Inc.
New Brunswick Scientific Co., Inc.
Precision Scientific, Inc.
Prolabo
Reichert-Jung, Cambridge Instruments, Inc.
Science/Electronics, Inc.
Technique Incorporated
Wilkins-Anderson Co.
Yamato USA, Inc.

other

Anderson Laboratories, Inc.
Bellico Glass, Inc.
Chemical & Pharmaceutical Industry Co., Inc.
Eberbach Corp.
Eppendorf
Ernest F. Fullam, Inc.
Gilson Co., Inc.
R. J. Harvey Instrument Corp.
Kahl Scientific Instrument Corp.
Prolabo
Queue Systems
SMI Liquid Handling Products
Tekmar Co.
Thermolyne Corp.
Wheaton Scientific

SHOWERS - see safety equipment

SIEVES**hand**

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Bel-Art Products
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Chemplex Industries, Inc.
Custom Scientific Instruments, Inc.
E-C Apparatus Corp.
Gilson Co., Inc.
Kahl Scientific Instrument Corp.
Nalge Co.
Newark Wire Cloth Co.
New York Laboratory Supply Co., Inc.
Norton Performance Plastics
Scientific Specialties Service, Inc.
Sepor, Inc.
Somar International, Inc.
Spex Industries, Inc.
Thomas Scientific
VWR Scientific

Wilkins-Anderson Co.

mechanical

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Gilson Co., Inc.
International Equipment Co.
Prolabo
Pulverizing Machinery
Sepor, Inc.
Showa Denko America, Inc.

SIGNAL AVERAGER

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EG&G Ortec
Hewlett-Packard Co.
Kevex Corp.
Nicolet Instrument Corp.
Norland Corp.
Nuclear Data, Inc.
Nuclide Corp.
Spectro Products, Inc.
Teledyne Philbrick
Wilkinson Instrument Co., Inc.

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Kinetic Systems Corp.
Newport Corp.
Spectro Products, Inc.
Wilkinson Instrument Co., Inc.

SILICA ANALYZERS

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Ionics, Inc.
Orbeco Analytical Systems, Inc.
Prolabo
Texas Nuclear

SILICAWARE

Atomergic Chemetals Corp.
Dell Optics Co., Inc.
Precision Cells, Inc. (NSG)
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Quartz Products Corp.
Scientific Glass & Instruments, Inc.
Thermal American Fused Quartz Co.
Wilma Glass Co., Inc.

SINKS - see furniture, laboratory

SLIDE RULES (INCLUDING CHEMICAL)

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Somar International, Inc.

SMOKE MEASURING INSTRUMENTS AND ACCESSORIES

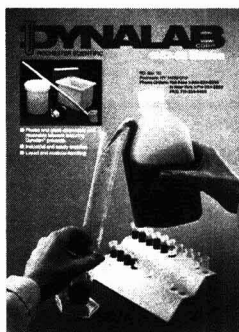
Andersen Samplers, Inc.
Independent Equipment Corp.
Prolabo
Research Ventures, Inc.
Stanton Redcroft
TSI, Inc.
UIC, Inc.

SODIUM ION ANALYZERS

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Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
Nova Analytical
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Process & Instruments Corp.
Radiometer America, Inc.
Sanda, Inc.
Wescan Instruments, Inc.

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Blue M
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Eberbach Corp.
Fisher Scientific Co.
The Foxboro Company
Gilson Co., Inc.
Hach Co.
H-B Instrument Co.
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LaMotte Chemical Products Co.
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Sepor, Inc.
Shimadzu Corp.
Tecator, Inc.
Technicon Industrial Systems
Thomas Scientific
UIC, Inc.
Wescor, Inc.

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Bico, Inc.
B/R Instrument Corp.
Brinkmann Instruments, Inc.
Cal-Glass For Research, Inc.
Cem Corp.
Chem-Pro Corp.
Glas-Col Apparatus Co.
Labconco Corp.
Lab Glass, Inc.
H. S. Martin, Inc.
Pope Scientific, Inc.
Scientific Glass & Instruments, Inc.
Tecator, Inc.
Technicon Industrial Systems
Tudor Scientific Glass Co.
UIC, Inc.
Wheaton Scientific

SPATULAS

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Bel-Art Products
Berghof/America, Inc.
Dynalab Corp.
Eberbach Corp.
Fisher Scientific Co.
Paul Gardner Co., Inc.
National Spectrographic Laboratories, Inc.
Sarstedt, Inc.
Scientific Specialties Service, Inc.
Thomas Scientific
Wale Apparatus Co.

SPECIFIC GRAVITY APPARATUS - see balances, specific gravity and density measuring equipment

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Dynalab Corp.
EG&G Gamma Scientific
The Foxboro Company
IBM Instruments, Inc.
L.T. Industries, Inc.
Mattson Instruments, Inc.
Pacific Scientific
Perkin-Elmer Corp.
Pye Unicam Ltd.
Sadtler Research Laboratories

SPECTRAL REFERENCE CHARTS - see absorption spectra charts (reference)

SPECTROMETERS, SPECTROPHOTOMETERS AND ACCESSORIES**acoustic**

Bomen
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Nicolet Instrument Corp.
Scientific Technologies
arc
Allied Analytical Systems
Applied Research Laboratories (ARL)
Hilger Analytical Ltd.
Instruments SA, Inc.
Zeebac Inc.

arc-spark emission

Allied Analytical Systems
Angstrom, Inc.
Applied Research Laboratories (ARL)
Baird Corp.

Fisher Scientific Co.
Hilger Analytical Ltd.
Instruments SA, Inc.
Labtest Equipment Co.
Nuclide Corp.
Philips Export B.V.
Pye Unicam Ltd.
Shimadzu Scientific Instruments, Inc.
Somar International, Inc.
Spex Industries, Inc.
Zeebac Inc.

atomic absorption and fluorescence

Allied Analytical Systems
Angstrom, Inc.
Applied Research Laboratories (ARL)
Baird Corp.
Buck Scientific, Inc.
Chemplex Industries, Inc.
F & J Scientific
Hilger Analytical Ltd.
Instruments SA, Inc.
Micro Coatings
Nissei Sangyo America, Ltd.
Perkin-Elmer Corp.
Philips Export B.V.
Shimadzu Scientific Instruments, Inc.
Spex Industries, Inc.
Varian Instrument Group

chemical ionization, mass

Delsi Inc.
Extrel Corp.
Finnigan MAT
Hewlett-Packard Co.
Instruments SA, Inc.
Nicolet Instrument Corp.
Nuclide Corp.
Nuclide Corp., AGV Div.
SCIEX
Shimadzu Scientific Instruments
UTI Instruments Co.
VG Instruments, Inc.

circular dichroism recording

Instruments SA, Inc.
Japan Spectroscopic Co., Ltd.
Jasco Inc.
Nicolet Instrument Corp.

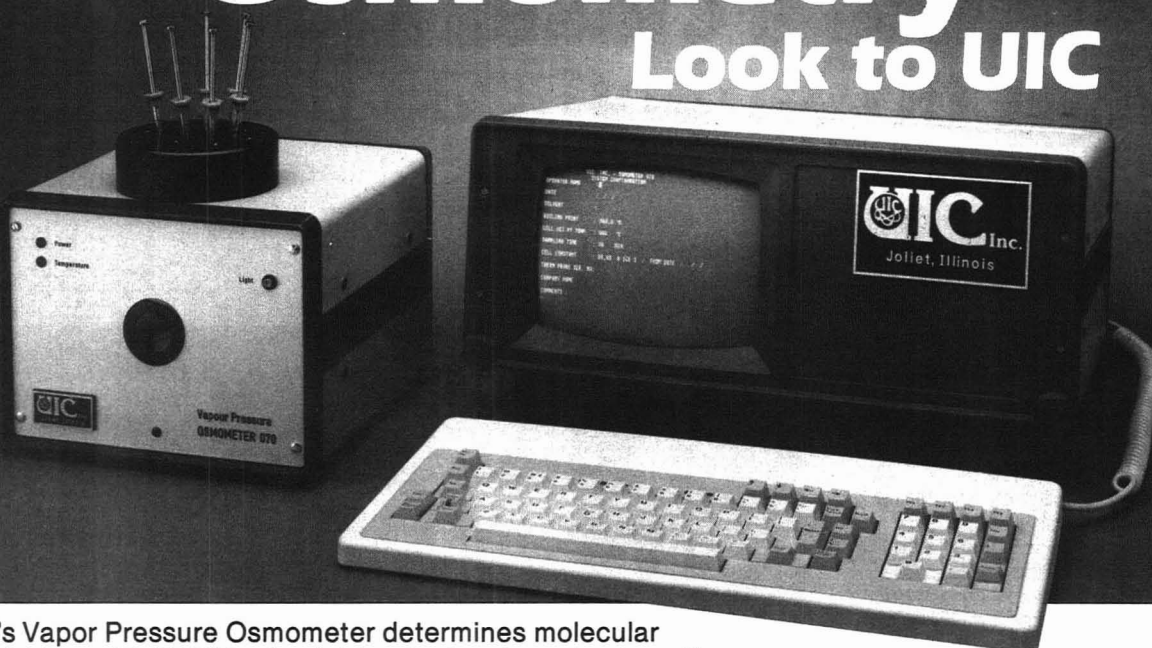
continuous flow

Alpkem Corp.
Analect Instruments
Beckman Instruments, Inc.
FIATron Laboratory Systems
Hewlett-Packard Co.
Hilger Analytical Ltd.
Lightpath Cells, Inc.
LKB Instruments, Inc.
Nicolet Instrument Corp.
Nuclide Corp., AGV Div.
Outokumpu Electronics
Philips Export B.V.
SCIEX
Spectra-Tech, Inc.
Tecator, Inc.
Technicon Industrial Systems
Update Instrument, Inc.
Wilma Glass Co., Inc.

diffraction gratings

Allied Analytical Systems
ARIES
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Buck Scientific, Inc.
Ealing Electro Optics, Inc.
Farand Optical Co., Inc.
Fisher Scientific Co.
R. J. Harvey Instrument Corp.
Hilger Analytical Ltd.
Instruments SA, Inc.
Japan Spectroscopic Co., Ltd.
Milton Roy Co.
Milton Roy Co., Analytical Products Div.
Oriol Corp.
Perkin-Elmer Corp.
Philips Export B.V.
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Sargent-Welch Scientific Co.
Shimadzu Corp.
Shimadzu Scientific Instruments, Inc.
Spex Industries, Inc.

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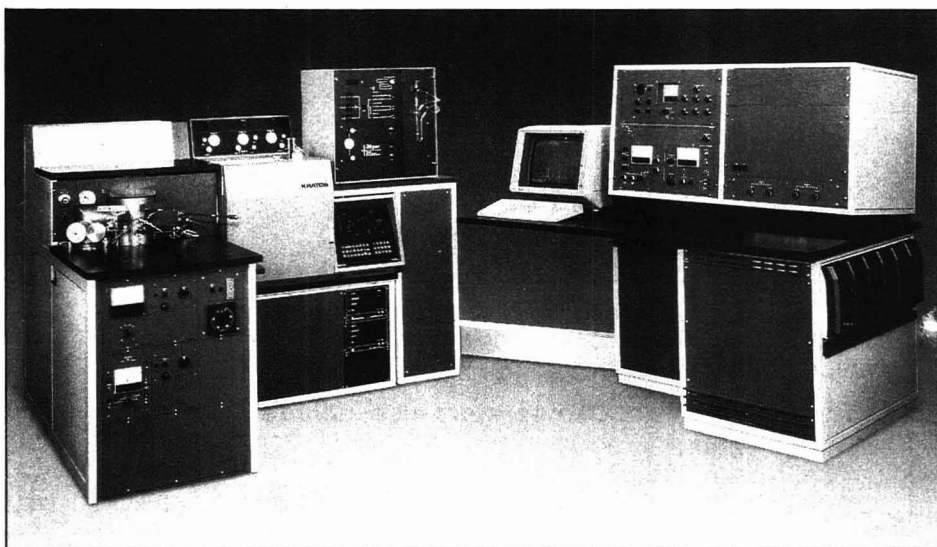
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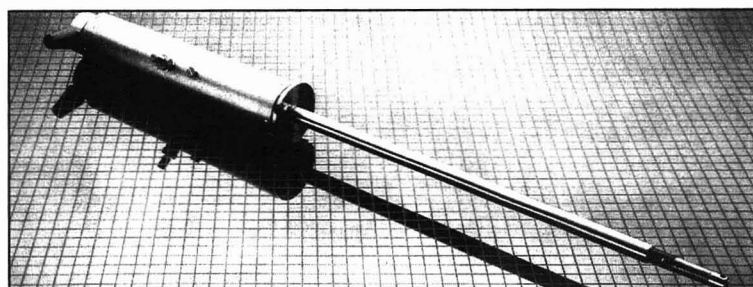
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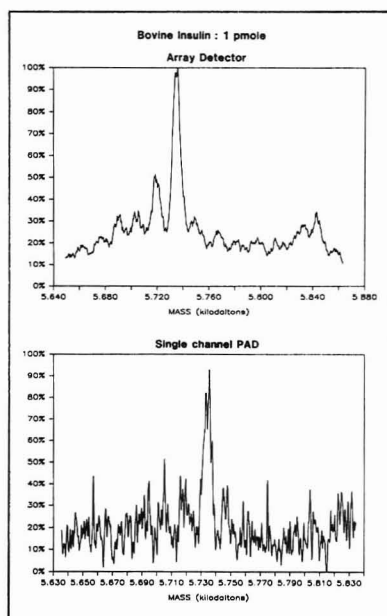
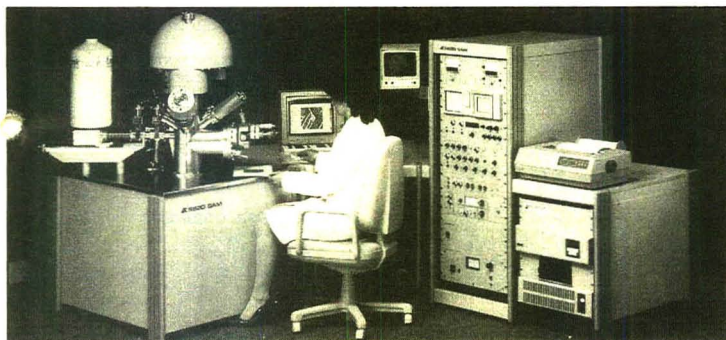


Fig. 1

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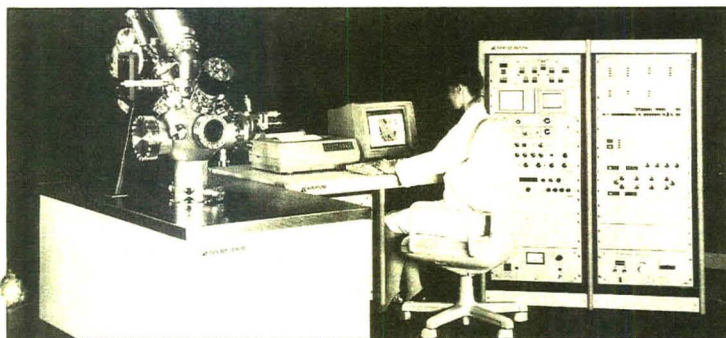
Surface Analysis



S820 SAM

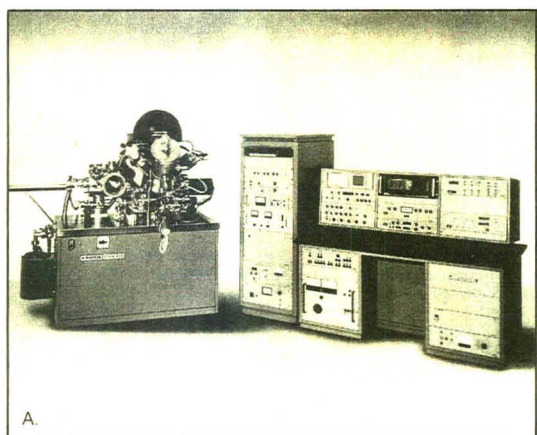
Based on the successful, field-proven SAM capability of the XSAM 800 Multi-technique Electron Spectrometer, the S820 SAM incorporates the high sensitivity combination of the 180° Hemispherical Analyser and patented Aberration Compensated Input Lens (ACIL) with the excellent SEM/SAM spatial resolution of the latest 15 kV electron gun.

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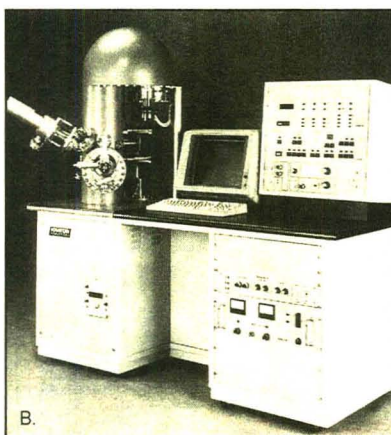


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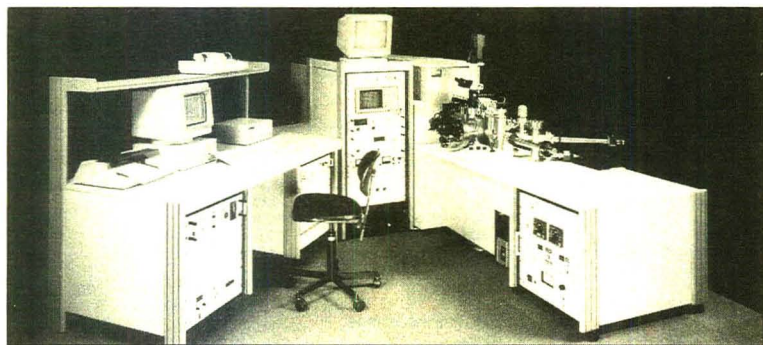
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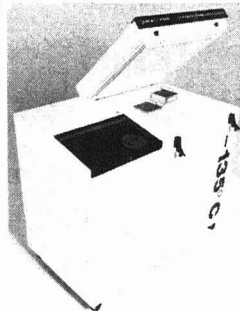
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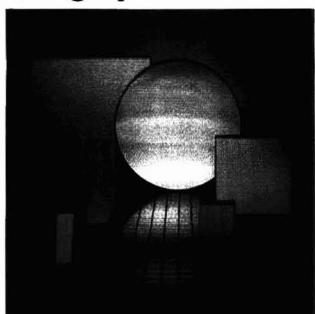
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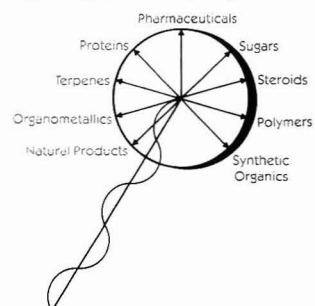


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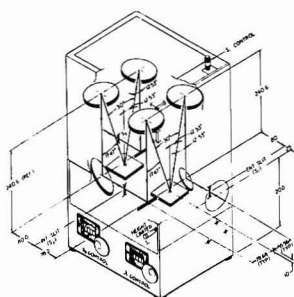
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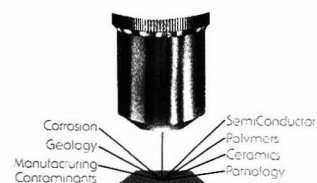
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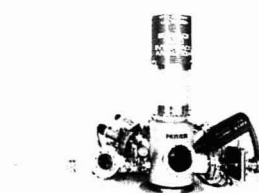
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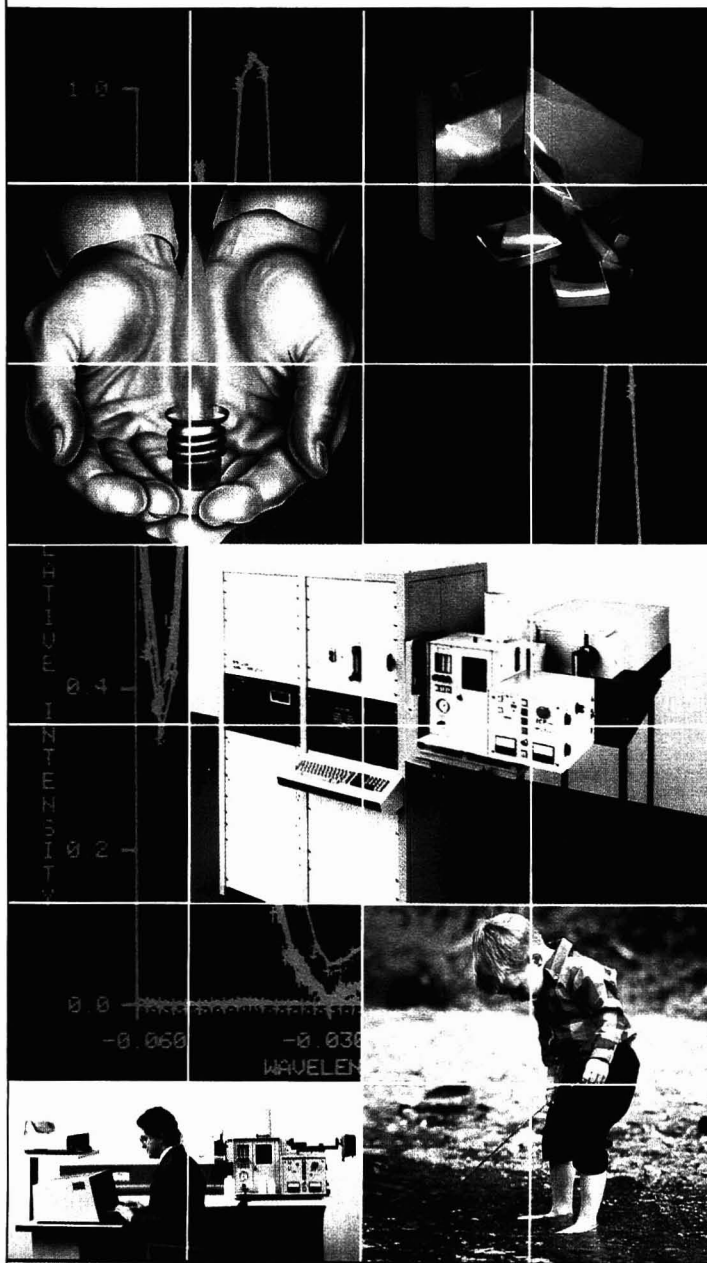


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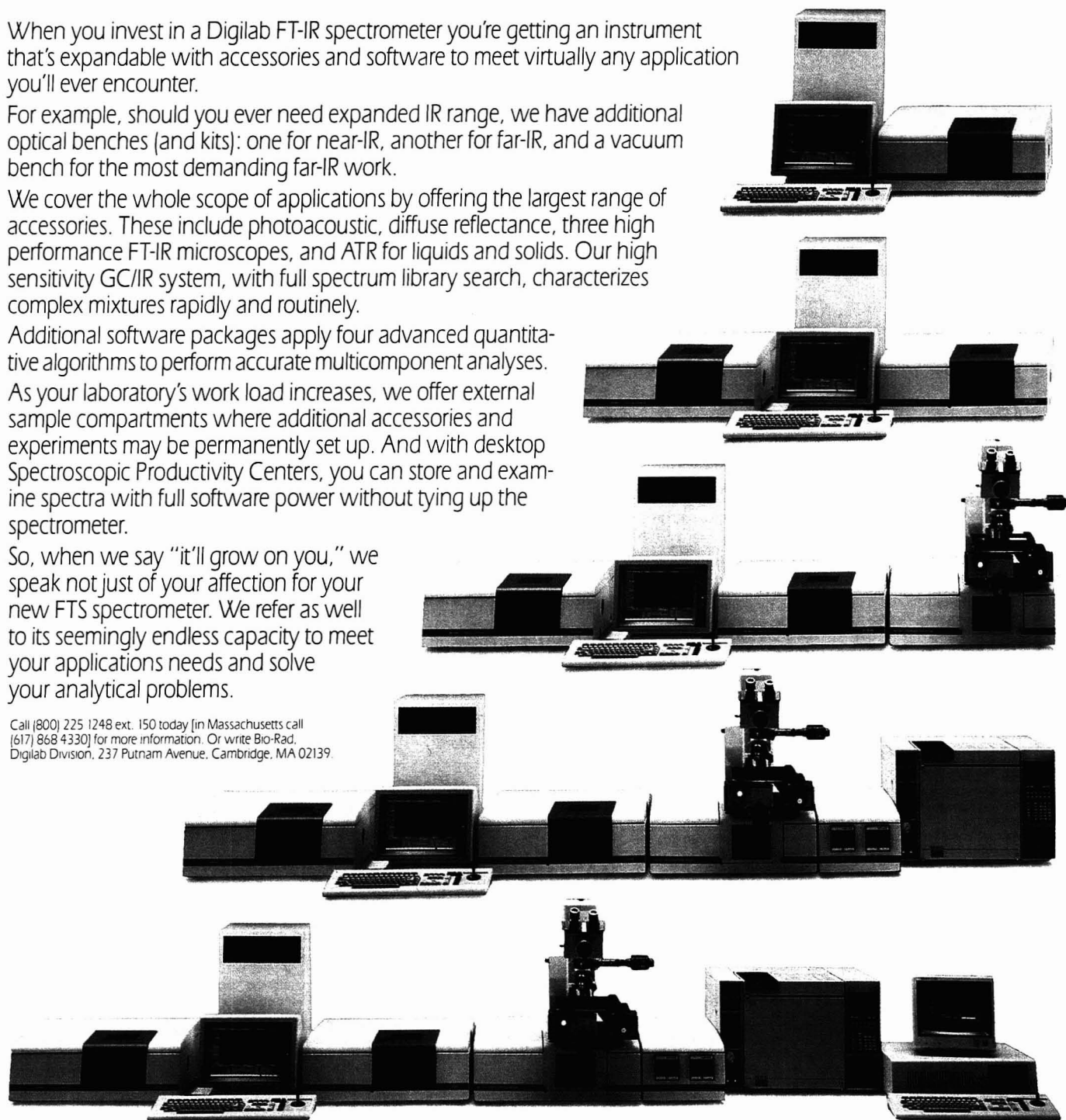
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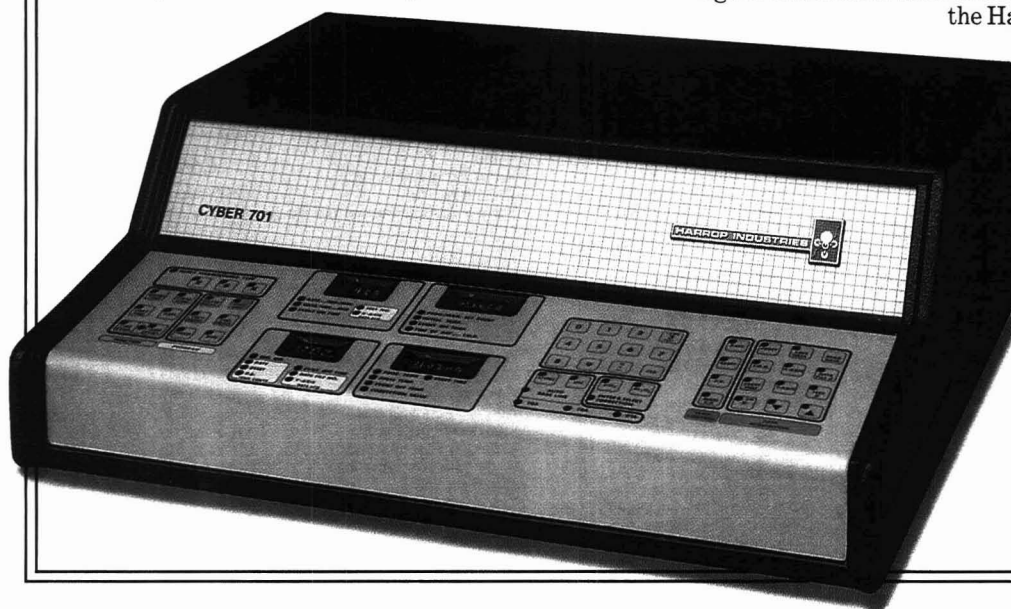
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Cole-Parmer Instrument Co.
Paul Gardner Co., Inc.
General Electric Co.
G. K. Heller Corp.
Kernco Instruments Co., Inc.
LFE Corp., Instrument Div.
Herman H. Sticht Co., Inc.
Veeder-Root

TAPE - see also heating mantles and tapes, plastic tape, computers and accessories

American Scientific Products
Briskheat Corp.
Dynamab Corp.
Electrothermal, Inc.
General Electric Co.
Norton Co. (Mass.)
Norton Performance Plastics
Professional Tape Co.
Scientific Specialties Service
VWR Scientific

TAPE, recording

R. B. Annis Co., Inc.
General Electric Co.
Hewlett-Packard Co. (San Diego)

TELEMETERING SYSTEMS

Bailey Controls Co.
Bristol Babcock Inc.
Capital Controls Co., Inc.
Climatronics Corp.
Dowty RFL Industries, Inc.
Futronics Inc.
Kaye Instruments, Inc.
Schneider Instrument Co.
Sierra/Misco, Inc.

TELESCOPES - see optical equipment

TELESCOPIC INSTRUMENTS

Ealing Electro Optics, Inc.
Edmund Scientific Co.

EG&G Gamma Scientific
Perkin-Elmer Corp.
Sargent-Welch Scientific Co.
Spindler & Hoyer, Inc.
Unifon Instruments, Inc.
Carl Zeiss, Inc.

TELEVISION, scan converter

Tektronix, Inc.

TEMPERATURE CONTROLLERS

Accuspec Instrumentation Corp.
Ace Glass, Inc.
Alnor Instrument Co.
Andonian Cryogenics, Inc.
The Anspec Co., Inc.
Antek Instruments, Inc.
Applied Test Systems, Inc.
Artek Systems Corp.
Astra Scientific International, Inc.
Bailey Controls Co.
Barnes Engineering Co.
Bay Voltex Corp.
Bico, Inc.
Bioanalytical Systems, Inc.
Biomagnetic Technologies, Inc.
Blue M
B-M-A, Inc.
C. W. Brabender Instruments, Inc.
B. Braun Instruments
Briskheat Corp.
Bristol Babcock Inc.
Brooklyn Thermometer Co., Inc.
Burling Instruments, Inc.
Capitol Temptron Corp.
Chemical Data Systems
Chromalox
Cole-Parmer Instrument Co.
Coy Laboratory Products
Cryo-Med
Doric Scientific
E2 Technology Corp.
Electrothermal, Inc.
Elnik Instruments, Inc.
Extex Instruments
Fenwal Electronics/APD
FIATron Laboratory Systems
Fisher Controls International, Inc.
Fisher Scientific Co.
John Fluke Mfg. Co., Inc.
Forma Scientific
The Foxboro Company
FTS Systems, Inc.
Gallenkamp
Glas-Col Apparatus Co.
Haake Buchler Instruments, Inc.
Harrick Scientific Corp.
Hart Scientific, Inc.
H-B Instrument Co.
Honeywell, Inc.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
Interactive Microwave, Inc.
Interlab, Inc.
International Crystal Labs., Inc.
Janis Research Co., Inc.
Jumo Process Control, Inc.
Kaye Instruments, Inc.
Kernco Instruments Co., Inc.
Kontes
Lake Shore Cryotronics, Inc.
Lauda
Leads & Northrup Instruments
LeMont Scientific, Inc.
LFE Corp., Instrument Div.
LINDBERG
Luft Instruments, Inc.
LUXTRON
The Mellen Co., Inc.
Midland Ross
Molytek, Inc.
Neslab Instruments, Inc.
Nuclear Research Corp.
Omega Engineering, Inc.
The Edward Orton Jr. Ceramic Foundation
Paragon Electric Co., Inc.
Phillips Export B.V.
PMC Industries, Inc.
Polaron Instruments, Inc.
PolyScience Corp.
Pope Scientific, Inc.
Princo Instruments, Inc.

Prolabo
Pye Unicam Ltd.
The Pyrometer Instrument Co., Inc.
Research, Inc.
RMC-Cryosystems
Sargent-Welch Scientific Co.
Science/Electronics, Inc.
Sensortek, Inc.
SSAC, Inc.
Stanton Redcroft
Stortz Div.
Tecator, Inc.
Technical Heaters, Inc.
Teco Manufacturing Co.
Thermo Electric Co., Inc.
Thermolyne Corp.
Tronac, Inc.
United Electric Controls Co.
Valco Instruments Co., Inc.
Valley Forge Instrument Co., Inc.
Vanzetti Systems, Inc.
The VirTis Co.
Yellow Springs Instrument Co., Inc.

TEMPERATURE PROBES

Airflow Developments (Canada), Ltd.
Alnor Instrument Co.
Atkins Technical, Inc.
The Boc Group, Inc.
Brooklyn Thermometer Co., Inc.
Burling Instruments, Inc.
Chemtrix, Inc.
Chromalox
Climatronics Corp.
Cole-Parmer Instrument Co.
Corning Glass Works
Cryo-Med
Doric Scientific
Dragnet Technologies, Inc.
E2 Technology Corp.
Electrothermal, Inc.
Engineered Systems & Designs
Extex Instruments
Fenwal Electronics/APD
John Fluke Mfg. Co., Inc.
The Foxboro Company
FTS Systems, Inc.
General Electric Co., Lamp Glass Dept.
George Associates
H-B Instrument Co.
Hewlett-Packard Co.
Honeywell, Inc., Industrial Controls Div.
Interlab, Inc.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Kaye Instruments, Inc.
Kazmierowicz Instrument Co.
Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
Lake Shore Cryotronics, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
LFE Corp., Instrument Div.
LUXTRON
The Mellen Co., Inc.
Midland Ross
Omega Engineering, Inc.
Polaron Instruments, Inc.
Precision Digital Corp.
Prolabo
Pye Unicam Ltd.
The Pyrometer Instrument Co., Inc.
Racal-Dana Instruments, Inc.
RdF Corp.
Sargent-Welch Scientific Co.
Science/Electronics, Inc.
Sensortek, Inc.
Sepor, Inc.
Sierra/Misco, Inc.
Solder Absorbing Technology, Inc.
Stanton Redcroft
Supelco, Inc.
Teco Manufacturing Co.
Tegal Scientific, Inc.
Tekmar Co.
Tektronix, Inc.
Temp-Pro, Inc.
Texas Electronics, Inc.
Thermo Electric Co., Inc.
Thermolyne Corp.
Thermometrics, Inc.

Thomas Scientific
Tri-R Instruments, Inc.
Tronac, Inc.
United Electric Controls Co.
United States Testing Co., Inc.
Yellow Springs Instrument Co., Inc.

TENSIOMETERS

Brinkmann Instruments, Inc.
Custom Scientific Instruments, Inc.
Fisher Scientific Co.
Kahl Scientific Instrument Corp.
Kernco Instruments Co., Inc.
Prolabo
Spectro Products, Inc.
Wescor, Inc.

TEST CHAMBERS, ENVIRONMENTAL

altitude
B-M-A, Inc.
Despatch Industries, Inc.
Forma Scientific
High Vacuum Equipment Corp.
Ransco Industries, Inc.
Tenney Engineering, Inc.
Thermionics Laboratory, Inc.
Vista Scientific Corp.
Webber Manufacturing Co., Inc.

general
Bel-Art Products
Benchmark Industries, Inc.
Blue M
B-M-A, Inc.
Cincinnati Sub-Zero Products
Custom Scientific Instruments
Despatch Industries, Inc.
Forma Scientific
FTS Systems, Inc.
Gallenkamp
Harris Mfg. Co., Inc.
Harshaw/Filtrol
Hotpack Corp.
Lab-Line Instruments, Inc.
Napco
Percival Mfg. Co., Inc.
Process & Instruments Corp.
Queue Systems
Ransco Industries, Inc.
REVCO Scientific Co.
Scientific Systems Corp.
Singleton Corp.
So-Low Environmental Equipment Co.
Tenney Engineering, Inc.
Thermionics Laboratory, Inc.
Vista Scientific Corp.
Webber Manufacturing Co., Inc.

germfree
Dowty RFL Industries, Inc.
Forma Scientific
Scientific Systems Corp.
Thermionics Laboratory, Inc.

ozone
Mast Development Co.
Science Pump Corp.

TEST EQUIPMENT, automatic

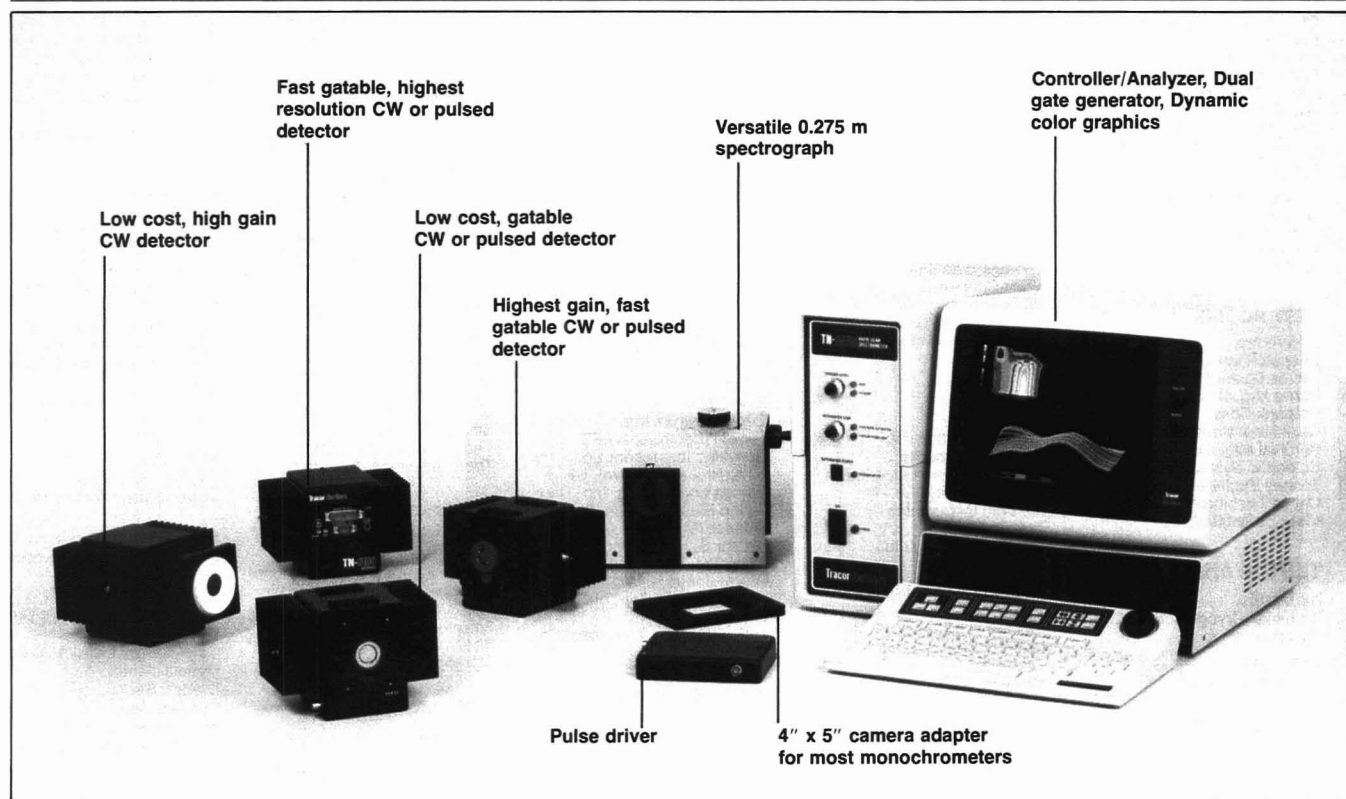
Biddle Instruments
Blue M
B-M-A, Inc.
Capital Controls Co., Inc.
Cem Corp.
Dragnet Technologies, Inc.
EG&G Gamma Scientific
John Fluke Mfg. Co., Inc.
Haake Buchler Instruments, Inc.
Hach Co.
Hewlett-Packard Co.
Honeywell, Inc.
Kaye Instruments, Inc.
Keithley Instruments, Inc.
Luft Instruments, Inc.
Marconi Instruments
Mechanical Technology, Inc.
Page-Wilson Corp.
Polaron Instruments, Inc.
Precision Systems, Inc.
Procedyne Corp.
Prolabo
Quantachrome Corp.
Racal-Dana Instruments, Inc.
Research, Inc.
Rheometrics, Inc.
Science Pump Corp.
So-Low Environmental Equipment Co.

4

Instruments, Equipment & Supplies

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Technology Inc.
Tektronix, Inc.

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J. T. Baker Chemical Co.
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EM Corp.
EM Science
Fil-Chem, Inc.
Fisher Scientific Co.
General Drug & Chemical Corp.
LaMotte Chemical Products Co.
Orbeco Analytical Systems, Inc.
Pierce Chemical Co.
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Tudor Scientific Glass Co.
Whatman Inc.
Wilkins-Anderson Co.

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Hotpack Corp.
Lab-Line Instruments, Inc.
Percival Mfg. Co., Inc.
Scientific Systems Corp.
Tenney Engineering, Inc.
United Technical Corp.
Vista Scientific Corp.

TEST STANDS

hydraulic
Andonian Cryogenics, Inc.
Technology Inc.

pneumatic
Wallace & Tiernan

TEST STATIONS

EG&G Gamma Scientific

TEST TUBE MIXERS

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Ames Co.
Bellco Glass, Inc.
Biospec Products, Inc.
Coulter Electronics, Inc.
Dynalab Corp.
Eberbach Corp.
Eppendorf
Fisher Scientific Co.
Lab-Line Instruments, Inc.
Pierce Chemical Co.
Sarstedt, Inc.
Tekmar Co.
Thermo Scientific
Troemner, Inc.
Wheaton Scientific
Wilkins-Anderson Co.

TEST TUBE RACKS

Airflow Developments (Canada),
Ltd.
American Scientific Products
The Anspec Co., Inc.
Bel-Art Products
Bellco Glass, Inc.
Boekel Industries, Inc.
R. P. Cargille Labs., Inc.
Chemtrix, Inc.
Dynalab Corp.
Eberbach Corp.
E-C Apparatus Corp.
Eppendorf
Fisher Scientific Co.
General Drug & Chemical Corp.
Hoefer Scientific Instruments
Isolab, Inc.
Kimble Div.
Lab-Line Instruments, Inc.
Nalge Co.
Pierce Chemical Co.
Plasticware Laboratory Products
Polyfoam Packers Corp.
Precision Scientific, Inc.
Sargent-Welch Scientific Co.

Sarstedt, Inc.
Science/Electronics, Inc.
Supelco, Inc.
Thomas Scientific
Wale Apparatus Co.
Wilkins-Anderson Co.

TEST TUBES

American Scientific Products
Bel-Art Products
Bellco Glass, Inc.
Berghof/America, Inc.
Bio-Rad Laboratories
R. P. Cargille Labs., Inc.
Corning Glass Works
Dynalab Corp.
Elkay Products, Inc.
Eppendorf
Galbraith Laboratories, Inc.
Kimble Div.
Norton Co. (Mass.)
Norton Performance Plastics
Sarstedt, Inc.
SGA Scientific Inc.
Sun Brokers, Inc.
Thomas Scientific
VWR Scientific
Wale Apparatus Co.
Wilkins-Anderson Co.
Young Laboratories

TESTERS

circuit, automatic
Biddle Instruments
Dragnet Technologies, Inc.
John Fluke Mfg. Co., Inc.
Marconi Instruments
Tektronix, Inc.
Vanzetti Systems, Inc.
Vu-Data Corp.

circuit, integrated
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
Marconi Instruments
Tektronix, Inc.
Vu-Data Corp.

dead weight
The Carlson Co., Inc.
Cosa Instrument Corp.
Page-Wilson Corp.
Princo Instruments, Inc.
Ruska Instrument Corp.

dew point
Atkins Technical, Inc.
Cosa Instrument Corp.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
EG&G International, Inc.
Honeywell, Inc.
Panametrics, Inc.
Yellow Springs Instrument Co.,
Inc.

gas permeability
Custom Scientific Instruments,
Inc.
R. J. Harvey Instrument Corp.
Porous Materials, Inc.
Ruska Instrument Corp.

hardness
Buehler Ltd.
Epic, Inc.
Paul Gardner Co., Inc.
Hacker Instruments, Inc.
Instrumentation Technology
International
Magnaflux Corp.
Orbeco Analytical Systems, Inc.
Page-Wilson Corp.
Prolabo
Shimadzu Corp.
Testing Machines, Inc.
United States Testing Co., Inc.
Vickers Instruments, Inc.
Walker Scientific, Inc.

hardness, micro
Buehler Ltd.
Eberbach Corp.
Instrumentation Technology
International
Leco Corp.
E. Leitz, Inc.
Page-Wilson Corp.
Shimadzu Corp.
Testing Machines, Inc.
Vickers Instruments, Inc.

hardness, ultrasonic
Walker Scientific, Inc.

leak rate
American Gas & Chemical Co.,
Ltd.

Andonian Cryogenics, Inc.
Balzers
The Boc Group, Inc.
Chrompack, Inc.
Datametrics
Sensidyne, Inc.
Supelco, Inc.

light fastness
EG&G Gamma Scientific
Hunter Associates Laboratory,
Inc.
Microscopical, Ltd.

tensile, slow rate
Andonian Cryogenics, Inc.
Applied Test Systems, Inc.
Custom Scientific Instruments,
Inc.
R. J. Harvey Instrument Corp.
Instrumentation Technology
International
Page-Wilson Corp.
Precision Scientific, Inc.
Shimadzu Corp.

THERMISTORS

Airflow Developments (Canada),
Ltd.
Cole-Parmer Instrument Co.
Extach Instruments
Fenwal Electronics/APD
Gow-Mac Instrument Co.
Jumo Process Control, Inc.
Omega Engineering, Inc.
Perkin-Elmer Vacuum Products
Science/Electronics, Inc.
Sensor Scientific, Inc.
Temp-Pro, Inc.
Thermometrics, Inc.
United Electric Controls Co.
The VirTis Co.
Yellow Springs Instrument Co.,
Inc.

THERMOCOUPLE REFERENCE JUNCTIONS

Cole-Parmer Instrument Co.
Doric Scientific
Elinik Instruments, Inc.
Japan Spectroscopic Co., Ltd.
Kaye Instruments, Inc.
Omega Engineering, Inc.
Prolabo
RdF Corp.
Research, Inc.
Wescor, Inc.

THERMOCOUPLES - see also wire, thermocouple

Alnor Instrument Co.
Atkins Technical, Inc.
Bailey Controls Co.
Biddle Instruments
Burling Instruments, Inc.
Chromalox
CM Furnaces, Inc.
Cole-Parmer Instrument Co.
Cryo-Med
Dowty RFL Industries, Inc.
The Duriron Co., Inc.
E2 Technology Corp.
Edwards High Vacuum, Inc.
Electrothermal, Inc.
Elinik Instruments, Inc.
Engelhard Corp.
The Foxboro Company
General Electric Co., Lamp
Glass Dept.
Harrop Industries, Inc.
Honeywell, Inc., Industrial
Controls Div.
Jumo Process Control, Inc.
Kaye Instruments, Inc.
Kazmierowicz Instrument Co.
Lake Shore Cryotronics, Inc.
Leco Corp.
Leeds & Northrup Instruments
The Lewis Engineering Co.
LFE Corp., Instrument Div.
LINDBERG
Omega Engineering, Inc.
Perkin-Elmer Vacuum Products
Prolabo
Pye Unicam Ltd.

The Pyrometer Instrument Co.,
Inc.
RdF Corp.
Science/Electronics, Inc.
Sensortek, Inc.
Stanton Redcroft
Teco Manufacturing Co.
Temp-Pro, Inc.
Thermionics Laboratory, Inc.
Thermo Electric Co., Inc.
Thermolyne Corp.
United Electric Controls Co.
United States Testing Co., Inc.
Yellow Springs Instrument Co.,
Inc.

THERMOGRAVIMETRIC ANALYSIS EQUIPMENT

Astra Scientific International,
Inc.
Cahn Instruments, Inc.
E. I. duPont de Nemours & Co.,
Inc.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
Harrop Industries, Inc.
Mettler Instrument Corp.
Netzsch Inc.
Omnitherm Corp.
Perkin-Elmer Corp.
Quintel Corp.
SETARAM
Shimadzu Corp.
Stanton Redcroft
Teco Manufacturing Co.
Theta Industries, Inc.

THERMOMECHANICAL ANALYZERS

Harrop Industries, Inc.
Mettler Instrument Corp.
Omnitherm Corp.
Perkin-Elmer Corp.
Polymer Laboratories, Inc.
Rheometrics, Inc.
Stanton Redcroft

THERMOMETERS

bulb type
Ace Glass, Inc.
American Scientific Products
Bacharach, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Dynalab Corp.
General Drug & Chemical Corp.
H-B Instrument Co.
Honeywell, Inc., Industrial
Controls Div.
J&S Scientific, Inc.
Kahl Scientific Instrument Corp.
Kontes
Lab Glass, Inc.
Laboratory Devices
Popper & Sons, Inc.
Precision Scientific, Inc.
Princo Instruments, Inc.
Prolabo
Reliance Glass Works, Inc.
Scientific Specialties Service,
Inc.
Sepor, Inc.
SGA Scientific Inc.
Stortz Div.
Taylor/Thermometer Corp. Am.
Thermometer Corp. of America
Thomas Scientific
UIC, Inc.
United Electric Controls Co.
United States Testing Co., Inc.
Weksler Instruments Corp.

calorimetric
Atkins Technical, Inc.
H-B Instrument Co.
Hewlett-Packard Co.
Parr Instrument Co.
Princo Instruments, Inc.
Prolabo
Thermometer Corp. of America
Thomas Scientific
United States Testing Co., Inc.
dial reading, laboratory
American Scientific Products
Bacharach, Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Crosby Valve & Gage Co.
Dynalab Corp.
General Drug & Chemical Corp.

H-B Instrument Co.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
New York Laboratory Supply
Co., Inc.
Northern Technical & Chemical
Services
Omega Engineering, Inc.
Princo Instruments, Inc.
Prolabo
Sepor, Inc.
Stortz Div.
Taylor/Thermometer Corp. Am.
Thermometer Corp. of America
United Electric Controls Co.
United States Testing Co., Inc.
Weksler Instruments Corp.
Wilkins-Anderson Co.
Yellow Springs Instrument Co.,
Inc.

differential

Chemtrix, Inc.
Cole-Parmer Instrument Co.
H-B Instrument Co.
Hewlett-Packard Co.
Honeywell, Inc., Industrial
Controls Div.
Kahl Scientific Instrument Corp.
Leeds & Northrup Instruments
Northern Technical & Chemical
Services
Omega Engineering, Inc.
Prolabo
Sensortek, Inc.
Stortz Div.
Thomas Scientific
United States Testing Co., Inc.

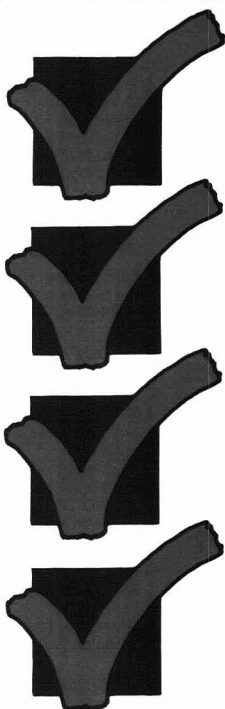
digital readout

American Scientific Products
Atkins Technical, Inc.
Barnant Co.
Brooklyn Thermometer Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Doric Scientific
Dragnet Technologies, Inc.
Dynalab Corp.
Engineered Systems & Designs
Esterline Angus Instrument
Forma Scientific
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Harris Mfg. Co., Inc.
Hart Scientific, Inc.
H-B Instrument Co.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
Lake Shore Cryotronics, Inc.
LFE Corp., Instrument Div.
Linseis, Inc.
LUXTRON
Neslab Instruments, Inc.
Northern Technical & Chemical
Services
Nuclear Associates
Omega Engineering, Inc.
PolyScience Corp.
Pope Scientific, Inc.
Precision Digital Corp.
Prolabo
The Pyrometer Instrument Co.,
Inc.
RMC-Cryosystems
Solder Absorbing Technology,
Inc.
Stortz Div.
Supelco, Inc.
Systec, Inc.
Taylor/Thermometer Corp. Am.
TCS
Tegal Scientific, Inc.
Tekmar Co.
Texas Electronics, Inc.
Thermo Electric Co., Inc.
Thermolyne Corp.
Thermometer Corp. of America
Thomas Scientific
United Electric Controls Co.
United States Testing Co., Inc.
Weksler Instruments Corp.
Wheaton Scientific
Wilkins-Anderson Co.
Yellow Springs Instrument Co.,
Inc.

4

Instruments, Equipment & Supplies

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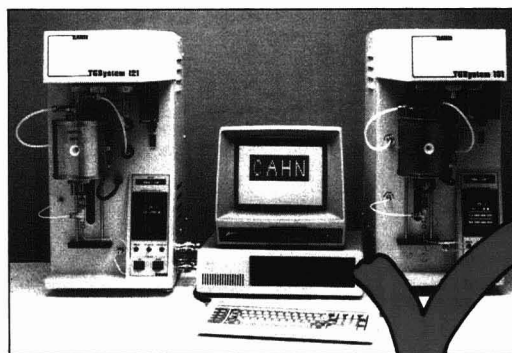
If your samples are big, small, or unusual, check out Cahn's thermogravimetric analyzers. Our TG System 131 has the highest capacity in the industry—a record 100 grams. We designed this system specifically for your high-mass and heterogeneous samples—like coal, catalysts, and metals. In a single range, it can monitor a 10 gram weight change—with sensitivity to 10 micrograms. You can rely on it to operate smoothly under very high vacuum. Or flowing corrosive gases like H_2S .

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CIRCLE 236 ON READER SERVICE CARD

THERMOMETERS

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Brooklyn Thermometer Co., Inc.
Chemical & Pharmaceutical Industry Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Doric Scientific
John Fluke Mfg. Co., Inc.
H-B Instrument Co.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.
Keithley Instruments, Inc.
Leeds & Northrup Instruments
The Lewis Engineering Co.
LFE Corp., Instrument Div.
Northern Technical & Chemical Services
Omega Engineering, Inc.
Precision Digital Corp.
Prolabo
The Pyrometer Instrument Co., Inc.
Texas Electronics, Inc.
United States Testing Co., Inc.

electronic, thermistor

Airflow Developments (Canada), Ltd.
Alphamedics Mfg. Corp.
Amprobe Instrument
Atkins Technical, Inc.
Brooklyn Thermometer Co., Inc.
Cole-Parmer Instrument Co.
Columbus Instruments International Corp.
Doric Scientific
Fenwal Electronics/APD
Forma Scientific
Paul Gardner Co., Inc.
General Drug & Chemical Corp.
Hart Scientific, Inc.
Harvard Apparatus
H-B Instrument Co.
Kahl Scientific Instrument Corp.
Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Northern Technical & Chemical Services
Omega Engineering, Inc.
Polaron Instruments, Inc.
Precision Digital Corp.
Prolabo
The Pyrometer Instrument Co., Inc.
Sargent-Welch Scientific Co.
Sepor, Inc.
Solder Absorbing Technology, Inc.
Texas Electronics, Inc.
Tri-R Instruments, Inc.
United States Testing Co., Inc.
The VirTis Co.
Yellow Springs Instrument Co., Inc.

infrared

Cole-Parmer Instrument Co.
E2 Technology Corp.
EG&G Gamma Scientific
Omega Engineering, Inc.
Prolabo
The Pyrometer Instrument Co., Inc.
Thermometrics, Inc.
Vanzetti Systems, Inc.

quartz

Hewlett-Packard Co.
Kahl Scientific Instrument Corp.

quartz crystal

Hewlett-Packard Co.
Sargent-Welch Scientific Co.

recording

Airflow Developments (Canada), Ltd.
Amprobe Instrument
Atkins Technical, Inc.
Bacharach, Inc.
Bailey Controls Co.
Bristol Babcock Inc.
Brooklyn Thermometer Co., Inc.
Chemical & Pharmaceutical Industry Co., Inc.

Cole-Parmer Instrument Co.
Columbus Instruments International Corp.

Doric Scientific
Dynamab Corp.
Elnik Instruments, Inc.
Esterline Angus Instrument Corp.

Exttech Instruments
John Fluke Mfg. Co., Inc.
Forma Scientific
The Foxboro Company
Paul Gardner Co., Inc.
Harris Mfg. Co., Inc.
H-B Instrument Co.
Honeywell, Inc., Industrial Controls Div.

The Jewett Refrigerator Co., Inc.
Kahl Scientific Instrument Corp.
Kazmierowicz Instrument Co.
Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
Linseis, Inc.
Omega Engineering, Inc.
Prolabo
Science/Electronics, Inc.
Sensortek, Inc.
Shimadzu Corp.
Solder Absorbing Technology, Inc.

Stortz Div.
Taylor/Thermometer Corp. Am.
Tegal Scientific, Inc.
Texas Electronics, Inc.
Thermo Electric Co., Inc.
Thermometer Corp. of America
United Electric Controls Co.
Vanzetti Systems, Inc.
Weksler Instruments Corp.
Yellow Springs Instrument Co., Inc.

resistance

Airflow Developments (Canada), Ltd.
Andonian Cryogenics, Inc.
Bailey Controls Co.
Barnes Engineering Co.
Bico, Inc.
Biomagnetic Technologies, Inc.
Cole-Parmer Instrument Co.
Doric Scientific
Engelhard Corp.
Engineered Systems & Designs
The Foxboro Company
Hart Scientific, Inc.
Hewlett-Packard Co.
Honeywell, Inc., Industrial Controls Div.
Johnson Matthey, Inc.
Kaye Instruments, Inc.
Lake Shore Cryotronics, Inc.
Leeds & Northrup Instruments
The Lewis Engineering Co.
Omega Engineering, Inc.
Polaron Instruments, Inc.
Precision Digital Corp.
Prolabo
The Pyrometer Instrument Co., Inc.
RdF Corp.
Sensortek, Inc.
Thermo Electric Co., Inc.
Thermometrics, Inc.
United States Testing Co., Inc.
Yellow Springs Instrument Co., Inc.

surface temperature

Airflow Developments (Canada), Ltd.
Alnor Instrument Co.
Amprobe Instrument
Atkins Technical, Inc.
Barnes Engineering Co.
Brooklyn Thermometer Co., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
E2 Technology Corp.
EG&G Gamma Scientific
Elnik Instruments, Inc.
Epic, Inc.
Eugene Ernst Products Co.
Exttech Instruments
Fenwal Electronics/APD
Paul Gardner Co., Inc.
Honeywell, Inc., Industrial Controls Div.
Jumo Process Control, Inc.
Kahl Scientific Instrument Corp.

Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
LUXTRON
Omega Engineering, Inc.
Prolabo
The Pyrometer Instrument Co., Inc.
RdF Corp.
Sensortek, Inc.
Solder Absorbing Technology, Inc.
The Superior Electric Co.
Tegal Scientific, Inc.
Thermo Electric Co., Inc.
Thermolyne Corp.
Thermometer Corp. of America
Thermometrics, Inc.
United Electric Controls Co.
United States Testing Co., Inc.
Vanzetti Systems, Inc.
Yellow Springs Instrument Co., Inc.

thermistor, digital readout

Airflow Developments (Canada), Ltd.
Atkins Technical, Inc.
Brooklyn Thermometer Co., Inc.
Cole-Parmer Instrument Co.
Doric Scientific
Fenwal Electronics/APD
Paul Gardner Co., Inc.
Harris Mfg. Co., Inc.
Hart Scientific, Inc.
H-B Instrument Co.
Kahl Scientific Instrument Corp.
Keithley Instruments, Inc.
Kernco Instruments Co., Inc.
Leeds & Northrup Instruments
Omega Engineering, Inc.
Precision Digital Corp.
Prolabo
The Pyrometer Instrument Co., Inc.
Solder Absorbing Technology, Inc.
Stortz Div.
Texas Electronics, Inc.
Thermometer Corp. of America
United States Testing Co., Inc.
VWR Scientific
Yellow Springs Instrument Co., Inc.

other

Atkins Technical, Inc.
Barnes Engineering Co.
Bico, Inc.
Biomagnetic Technologies, Inc.
Columbus Instruments International Corp.
Eugene Ernst Products Co.
Exttech Instruments
Fluorocarbon Co.
Forma Scientific
H-B Instrument Co.
Janis Research Co., Inc.
Kahl Scientific Instrument Corp.
Kazmierowicz Instrument Co.
Keithley Instruments, Inc.
LUXTRON
Popper & Sons, Inc.
Precision Digital Corp.
The Pyrometer Instrument Co., Inc.
Sensortek, Inc.
Sepor, Inc.
Thermometer Corp. of America
Wescor, Inc.

THERMOSTATS

Burling Instruments, Inc.
Chromalox
Electrothermal, Inc.
Harris Mfg. Co., Inc.
H-B Instrument Co.
Honeywell, Inc.
Instruments For Research & Industry
Jumo Process Control, Inc.
Princo Instruments, Inc.
Sargent-Welch Scientific Co.
Stortz Div.
United Electric Controls Co.

THERMOSTATS, circulating

Airflow Developments (Canada), Ltd.
Brinkmann Instruments, Inc.

H-B Instrument Co.
Jumo Process Control, Inc.
Lauda
LKB Produkter AB
Neslab Instruments, Inc.
PolyScience Corp.
Princo Instruments, Inc.
Prolabo
Sargent-Welch Scientific Co.
Science/Electronics, Inc.
Stortz Div.
Techne Incorporated

THICKNESS MEASURING EQUIPMENT

ARIES
Biddle Instruments
Cambridge Physical Sciences
Custom Scientific Instruments, Inc.
E. I. duPont de Nemours & Co., Inc.
EG&G Princeton Applied Research
Exttech Instruments
Gaertner Scientific Corp.
Paul Gardner Co., Inc.
Harrick Scientific Corp.
IBM Instruments, Inc.
Kaman Instrumentation Corp.
Kevex Corp.
Koehler Instrument Co., Inc.
Mechanical Technology, Inc.
Nanometrics, Inc.
Newport Corp.
Nicolet Instrument Corp.
The Ohmart Corp.
Pacific Scientific
Panametrics, Inc.
Polaron Instruments, Inc.
Rank Precision Industries, Inc.
Rudolph Research
Schaevitz Engineering
Sloan Technology Corp.
Testing Machines, Inc.
Unimeasure, Inc.
Untron Instruments, Inc.

TIMERS, CHRONOGRAPHS, STOPWATCHES, STOPCLOCKS

American Scientific Products
The Anspec Co., Inc.
Chemtrix, Inc.
Chrono-Log Corp.
Cole-Parmer Instrument Co.
Dynamab Corp.
Epic, Inc.
Exttech Instruments
Fisher Scientific Co.
Foxboro Analabs
Paul Gardner Co., Inc.
General Electric Co.
Hewlett-Packard Co.
Interex Corp.
Kernco Instruments Co., Inc.
Laboratory Supplies Co., Inc.
Lindberg Enterprises, Inc.
Meylan Corp.
Pierce Chemical Co.
Prolabo
Jules Racine & Co., Inc.
Rainin Instrument Co., Inc.
Sepor, Inc.
SSAC, Inc.
Standard Electric Time Corp.
Stoelting Co.
Supelco, Inc.
Thomas Scientific
VWR Scientific
Wilkins-Anderson Co.

TIMERS, elapsed time

R. B. Annis Co., Inc.
Chemtrix, Inc.
Chrono-Log Corp.
Cole-Parmer Instrument Co.
Coulter Electronics, Inc.
Dynamab Corp.
EG&G Ortec
Fisher Scientific Co.
The Fredericks Co.
Paul Gardner Co., Inc.
GraLab Instruments
Interex Corp.
Jumo Process Control, Inc.
Kernco Instruments Co., Inc.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
Lektra Service Corp.
Meylan Corp.

Nuclear Equipment Chemical Corp.
Precision Scientific, Inc.
Prolabo
Jules Racine & Co., Inc.
Solder Absorbing Technology, Inc.
SSAC, Inc.
Standard Electric Time Corp.
Herman H. Sticht Co., Inc.
Stoelting Co.
Veeder-Root
Wilkins-Anderson Co.

TIMERS, gelation

Paul Gardner Co., Inc.
Techne Incorporated
Wilkins-Anderson Co.

TISSUE CHOPPERS

Bellco Glass, Inc.
Biospec Products, Inc.
Brinkmann Instruments, Inc.
E. I. duPont de Nemours & Co., Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
Eberbach Corp.
E-C Apparatus Corp.
EDCO Scientific, Inc.
Heat Systems-Ultrasonics, Inc.
SGA Scientific Inc.
Tekmar Co.
Thomas Scientific
Wheaton Scientific

TISSUE CULTURE APPARATUS AND SUPPLIES

AMF Laboratory Products
Bellco Glass, Inc.
Corning Glass Works
Drummond Scientific Co.
Dynamab Corp.
Eberbach Corp.
E-C Apparatus Corp.
Forma Scientific
HEMCO Corp.
Kimble Div.
Labconco Corp.
Lab-Line Instruments, Inc.
Laboratory Products, Inc.
Life Technologies, Inc.
Nalge Co.
New Brunswick Scientific Co.
Polysciences, Inc.
Popper & Sons, Inc.
Sartorius Filters, Inc.
SGA Scientific Inc.
Techne Incorporated
Tekmar Co.
Thomas Scientific
United States Biochemical Corp.
The VirTis Co.
Wheaton Scientific
Young Laboratories

TISSUE EMBEDDING MATERIALS

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E. I. duPont de Nemours & Co., Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
EM Corp.
EM Science
Fisher Scientific Co.
Ernest F. Fullam, Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Popper & Sons, Inc.
The VirTis Co.

TISSUE PROCESSING EQUIPMENT, automatic

Ames Co.
Fisher Scientific Co.
Heat Systems-Ultrasonics, Inc.
Lab-Line Instruments, Inc.
Polaron Instruments, Inc.
RMC-Cryosystems
Yamato USA, Inc.

TITRATION APPARATUS, automatic

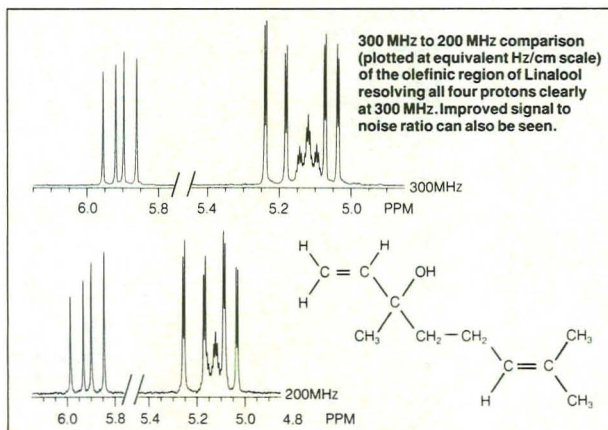
Badger Meter, Inc.
Beckman Instruments, Inc.

4

Instruments, Equipment & Supplies

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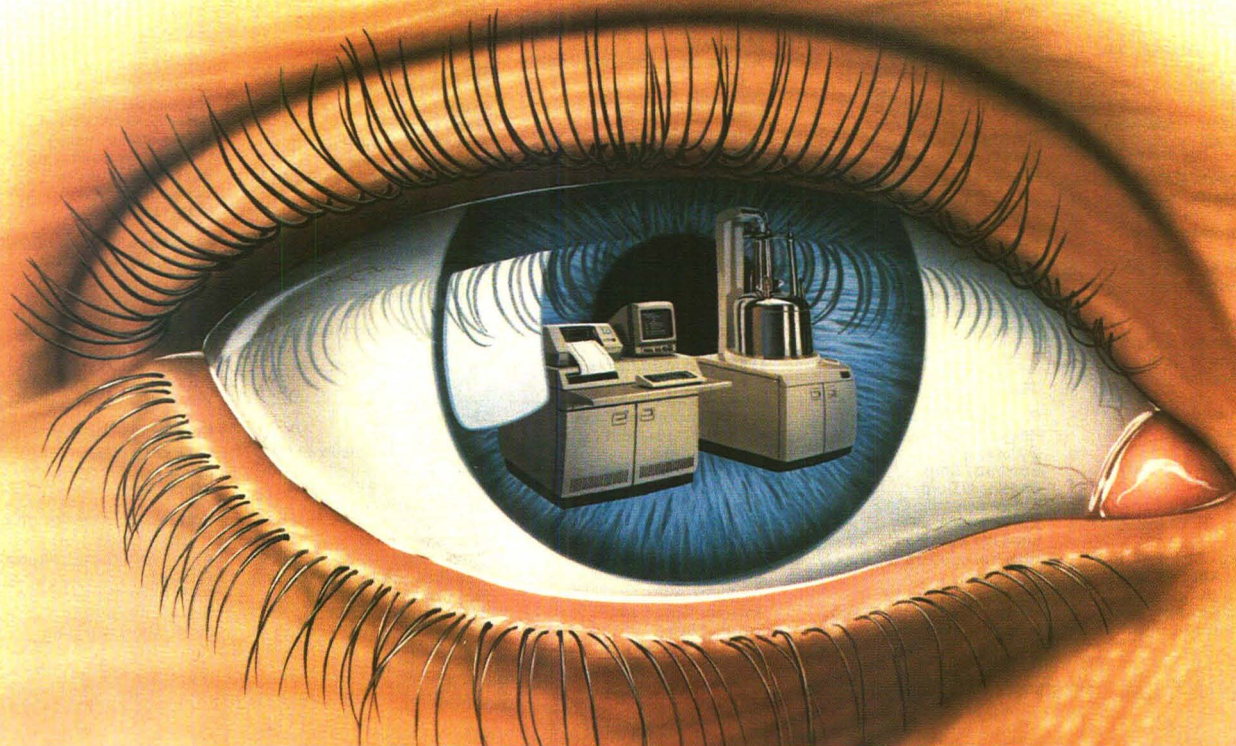
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Leco Corp.
Luft Instruments, Inc.
Metrohm
Mettler Instrument Corp.
Pen Kem, Inc.
Precision Systems, Inc.
Prolabo
Radiometer America, Inc.
Sanda, Inc.
Sargent-Welch Scientific Co.
Tekmar Co.

TITRATORS

amperometric

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Fisher Scientific Co.
Haake Buchler Instruments, Inc.
Hach Co.
Instrumentation Technology
International
Ionics, Inc.
Metrohm
Mettler Instrument Corp.
Quintel Corp.
Wallace & Tiernan

automatic

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Dohrmann
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Hamilton Co.
HNU Systems, Inc.
Instrumentation Technology
International
Ionics, Inc.
Lachat Chemicals, Inc.
Leco Corp.
Luft Instruments, Inc.
Metrohm
Mettler Instrument Corp.
Mitsubishi Chemical Industries,
Ltd.
Prolabo
Radiometer America, Inc.
Sanda, Inc.
Sargent-Welch Scientific Co.
Tekmar Co.

colorimetric

Badger Meter, Inc.
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CHEMetrics, Inc.
Fisher Scientific Co.
Hamilton Co.
Instrumentation Technology
International
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LaMotte Chemical Products Co.
Luft Instruments, Inc.
Metrohm
Mettler Instrument Corp.
Prolabo
Radiometer America, Inc.
Sargent-Welch Scientific Co.

coulometric

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Cosa Instrument Corp.
Coulometrics, Inc.
Dohrmann
Eco Instruments
EM Science
Hamilton Co.
Instrumentation Technology
International
Metrohm
Photovolt
Prolabo
Quintel Corp.
Radiometer America, Inc.
Sargent-Welch Scientific Co.
Seragen Diagnostics, Inc.
United Technical Corp.

Karl Fischer

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Corning Glass Works
Cosa Instrument Corp.
Eco Instruments
EM Science
Ericsen Instruments Corp.
Fisher Scientific Co.
Instrumentation Technology
International
Ionics, Inc.
Labindustries, Inc.
Luft Instruments, Inc.
Metrohm
Mettler Instrument Corp.
Photovolt
Prolabo
Quintel Corp.
Radiometer America, Inc.
Seragen Diagnostics, Inc.
Tekmar Co.
Wilkens-Anderson Co.

micro

Ames Co.
Brinkmann Instruments, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
Hach Co.
Instrumentation Technology
International
Ionics, Inc.
Metrohm
Mettler Instrument Corp.

photometric

Brinkmann Instruments, Inc.
Fisher Scientific Co.
Hamilton Co.
Instrumentation Technology
International
Ionics, Inc.
Metrohm
Mettler Instrument Corp.
Sargent-Welch Scientific Co.

recording

Brinkmann Instruments, Inc.
Cole-Parmer Instrument Co.
Cosa Instrument Corp.
Fisher Scientific Co.
Harvard Apparatus
Instrumentation Technology
International
Ionics, Inc.
Linear Instruments Corp.
Metrohm
Mettler Instrument Corp.
Prolabo
Radiometer America, Inc.
Sanda, Inc.
Sargent-Welch Scientific Co.
Tekmar Co.
United Technical Corp.

sulfur

Coulometrics, Inc.
Dohrmann
George Fischer Foundry
Systems, Inc.
ITT Barton Instruments
Leco Corp.
Parr Instrument Co.
Preiser Scientific, Inc.
Sanda, Inc.
Tracor Atlas, Inc.

thermometric

Badger Meter, Inc.
Sanda, Inc.
other
Luft Instruments, Inc.
Manostat Corp.
Mettler Instrument Corp.
Orbeco Analytical Systems, Inc.
Precision Systems, Inc.
Radiometer America, Inc.
Sanda, Inc.

TONGS

Bel-Art Products
Boekel Industries, Inc.
Dynalab Corp.
Eberbach Corp.
Engelhard Corp.
Fisher Scientific Co.
ICN Biomedicals
Lab-Line Instruments, Inc.
New York Laboratory Supply
Co., Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Nuclear Associates

Nuclear Equipment Chemical
Corp.
Sargent-Welch Scientific Co.
Spex Industries, Inc.
Thomas Scientific
Wilkens-Anderson Co.

TOXIC GAS DETECTORS

Alphagaz Specialty Gases
American Gas & Chemical Co.,
Ltd.
ANACON
Analytical Instrument
Development, Inc.
Aromil Chemical Co.
Calibrated Instruments, Inc.
Capital Controls Co., Inc.
CEA Instruments, Inc.
DEVCO Engineering, Inc.
The Foxboro Company
HNU Systems, Inc.
Honeywell, Inc.
Interex Corp.
Matheson Gas Products
MDA Scientific, Inc.
M G Industries
Mine Safety Appliances Co.
National Draeger, Inc.
PCP, Inc.
Process Analyzers, Inc.
Sensidyne, Inc.
Tegal Scientific, Inc.
Trace Analytical
Universal Sensors
UTI Instruments Co.

TRACERS, curve, transistor and/or tube

Tektronix, Inc.

TRANSDUCERS

general

Amprobe Instrument
Astrosystems, Inc.
F. W. Bell, Inc.
Data Instruments, Inc.
Del Electronics Corp.
The Duriron Co., Inc.
EG&G Inc., Electro-Optics Div.
Harvard Apparatus
Hewlett-Packard Co.
Kaman Instrumentation Corp.
Orbisphere Laboratories
Rank Precision Industries, Inc.
RdF Corp.
Research, Inc.
Schaevitz Engineering
Stoelting Co.
Tektronix, Inc.
Teledyne Analytical Instruments
Unimeasure, Inc.
Waters Mfg., Inc.

heat flux

Dynatech Scientific, Inc.
RdF Corp.

pressure

Airflow Developments (Canada),
Ltd.
Automatic Switch Co.
Bailey Controls Co.
Bellofram Corp.
The Boc Group, Inc.
Bristol Babcock Inc.
G. W. Dahl Co., Inc.
Data Instruments, Inc.
Datametrics
Doric Scientific
The Duriron Co., Inc.
Extex Instruments
Fisher Controls International,
Inc.
Harvard Apparatus
Hewlett-Packard Co.
ITT Barton Instruments
J & W Scientific, Inc.
Jumo Process Control, Inc.
Kaman Instrumentation Corp.
Kollsman Instrument Co.
Mensor Corp.
MKS Instruments, Inc.
MSA-Advanced Systems Div.
Omega Engineering, Inc.
Pye Unicam Ltd.
Ruska Instrument Corp.
Schaevitz Engineering
Stoelting Co.
Tektronix, Inc.
Thermometrics, Inc.
Toledo Scale

Unimeasure, Inc.
Wallace & Tiernan
Yellow Springs Instrument Co.,
Inc.

temperature

Airflow Developments (Canada),
Ltd.
Analog Devices, Inc.
Automatic Switch Co.
Bailey Controls Co.
Chromalox
Fenwal Electronics/APD
Fisher Controls International,
Inc.
The Foxboro Company
ITT Barton Instruments
Jumo Process Control, Inc.
Lake Shore Cryotronics, Inc.
The Lewis Engineering Co.
Omega Engineering, Inc.
The Pyrometer Instrument Co.,
Inc.
RdF Corp.
RMC-Cryosystems
Teco Manufacturing Co.
Tegal Scientific, Inc.
Tektronix, Inc.
Texas Electronics, Inc.
Yellow Springs Instrument Co.,
Inc.

TRANSISTORS

EIMAC
GE/RCA Solid State
General Electric Co.
Hewlett-Packard Co.
Lambda Electronics
Sprague Electric Co.

TRAPS, cold

Ace Glass, Inc.
Aldrich Chemical Co., Inc.
Andonian Cryogenics, Inc.
Balzers
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Forma Scientific
FTS Systems, Inc.
Galbraith Laboratories, Inc.
Harris Mfg. Co., Inc.
Janis Research Co., Inc.
Kontes
Lab Glass, Inc.
Neslab Instruments, Inc.
Perkin-Elmer Vacuum Products
Polaron Instruments, Inc.
Refrigeration For Science, Inc.
Savant Instruments, Inc.
Supelco, Inc.
Thermionics Laboratory, Inc.
Thermoelectrics Unlimited, Inc.
Thomas Scientific
Varian Associates, Inc., Vacuum
Products Div.
The VirTis Co.
Wheaton Scientific

TRAYS

Bel-Art Products
Dynalab Corp.
General Drug & Chemical Corp.
ICN Biomedicals
Manostat Corp.
Nalge Co.
Newark Wire Cloth Co.
Nuclear Associates
Sargent-Welch Scientific Co.
Sepor, Inc.
Wale Apparatus Co.

TUBE FITTINGS

Ace Lite Step Co.
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
Analabs
Beckman Instruments, Inc.,
Altex Div.
Bel-Art Products
The Boc Group, Inc.
Cajon Co.
Chrompack International B.V.
Colder Products Co.
Crawford Fitting Co.
Dionex Corp.
Dynalab Corp.
Fluorocarbon Co.
Galtek Corp.
High Pressure Equipment Co.
Hoke Incorporated
JACO Manufacturing Co.
Kimble Div.

Kontes
Leybold-Heraeus Vacuum
Products, Inc.
Matheson Gas Products
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Hose
Products Div.
Parker-Hannifin Corp.,
Instrumentation Connectors
Div.
Parker-Hannifin Corp., Tube
Fittings Div.
Phase Separations, Inc.
Popper & Sons, Inc.
Precision Scientific, Inc.
Rainin Instrument Co., Inc.
Scientific Specialties Service,
Inc.
Scientific Systems, Inc.
Scott Specialty Gases
Sno-Trik Co.
Supelco, Inc.
Tomco
Universal Scientific, Inc.
Upchurch Scientific
Valcor Engineering Corp.
Varian Instrument Group
Wale Apparatus Co.
Wilmad Glass Co., Inc.

TUBES

centrifuge

American Scientific Products
Axiom Chromatography
Beckman Instruments, Inc.
Bel-Art Products
Bellco Glass, Inc.
Berghof/America, Inc.
Bico, Inc.
Boekel Industries, Inc.
Brinkmann Instruments, Inc.
Clay Adams
Cole-Parmer Instrument Co.
Corning Glass Works
E. I. duPont de Nemours & Co.,
Inc.
E. I. duPont de Nemours & Co.,
Inc., Clinical & Instrument
Systems Div.
Dynalab Corp.
Elkay Products, Inc.
Eppendorf
Ernest F. Fullam, Inc.
Interex Corp.
International Equipment Co.
Kimble Div.
Kontes
Kontron AG
Life Technologies, Inc.
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Prolabo
Sarstedt, Inc.
Scientific Glass & Instruments,
Inc.
SGA Scientific Inc.
Sun Brokers, Inc.
Tech Glass Co., Inc.
Tekmar Co.
Thomas Scientific
Tudor Scientific Glass Co.
United States Testing Co., Inc.
Universal Scientific, Inc.
Wale Apparatus Co.
Wheaton Scientific
Young Laboratories

ceramic - see combustion equipment

electronic

Amperex Electronic Corp.
EIMAC
General Electric Co.
TGM Detectors, Inc.
Watkins-Johnson Co.
Wilmad Glass Co., Inc.

flash, high energy

micropulse
EG&G Inc., Electro-Optics Div.
Xenon Corp.

hollow cathode for atomic absorption

American Scientific Products
Analabs
Buck Scientific, Inc.
Hamamatsu Corp.
Hilger Analytical Ltd.

4

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METTLER

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Vitro Technology, Ltd.
Wilkins-Anderson Co.

photomultiplier

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Amperex Electronic Corp.
Buck Scientific, Inc.
EG&G Gamma Scientific
EIMAC
Hamamatsu Corp.
Nuclear Research Corp.
Vitro Technology, Ltd.

pitot

Airflow Developments (Canada), Ltd.
Andersen Samplers, Inc.
Prolabo
Scientific Glass & Instruments, Inc.

x-ray

Amperex Electronic Corp.
EIMAC
Enraf-Nonius
General Electric Co.
Hamamatsu Corp.
Kevex Corp.
LND, Inc.
Magnaflux Corp.
Philips Export B.V.
Philips Electronic Instruments, Inc.
Pye Unicam Ltd.
Rigaku/USA, Inc.

other

Ames Co.
Amperex Electronic Corp.
Buck Scientific, Inc.
Filterite/Brunswick Technetics
Filtration Systems
J&S Scientific, Inc.
Kimble Div.
National Draeger, Inc.
Sarstedt, Inc.
UIC, Inc.
Union Carbide Corp., Carbon Products Div.
Watkins-Johnson Co.
Wheaton Scientific
Young Laboratories

TUBING AND PIPE, general
- see also tube fittings and specific types of tubing

Analabs
The Anspec Co., Inc.
Babcock & Wilcox, Tubular Products Div.
Bel-Art Products
Bio-Rad Laboratories
The Boc Group, Inc.
Chrompack International B.V.
Corning Glass Works
The Duriron Co., Inc.
Dynalab Corp.
Fluorocarbon Co.
Foxboro Analabs
Friedrich & Dimmock, Inc.
Galtek Corp.
Hamilton Co.
Handy & Harman Tube Co.
Hoke Incorporated
Hydro Service & Supplies, Inc.
Johnson Matthey, Inc.
Kimble Div.
Lab Glass, Inc.
Leybold-Heraeus Vacuum Products, Inc.
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Instrumentation Connectors Div.
Phase Separations, Inc.
Plasticware Lab. Products
Scientific Specialties Service, Inc.
Supelco, Inc.
Universal Scientific, Inc.
Victaulic Company of America
Wale Apparatus Co.

TUBING**corrosion resistant**

Alfa Products
Alltech Associates/Applied Science
The Anspec Co., Inc.
Babcock & Wilcox, Tubular Products Div.
Bel-Art Products
Chrompack, Inc.
Cole-Parmer Instrument Co.
Corning Glass Works
The Duriron Co., Inc.
Dynalab Corp.
Fluorocarbon Co.
Galtek Corp.
Goodfellow Metals Cambridge Hamilton Co.
Handy & Harman Tube Co.
Hydro Service & Supplies, Inc.
Johnson Matthey, Inc.
Kloehn Co., Inc.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
Nalge Co.
New Brunswick Scientific Co., Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Hose Products Div.
Parker-Hannifin Corp., Parflex Div.
Parker-Hannifin Corp., Tube Fittings Div.
Popper & Sons, Inc.
Rainin Instrument Co., Inc.
Scientific Specialties Service, Inc.
Scientific Systems, Inc.
Serfilco, Ltd.
Thermal American Fused Quartz Co.
Union Carbide Corp., Carbon Products Div.
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Valcor Engineering Corp.
Whatman Inc.
Wheaton Scientific

capillary

ABI Analytical/Kratos Div.
Ace Glass, Inc.
Alltech Associates/Applied Science
Analabs
The Anspec Co., Inc.
Bio-Rad Laboratories
Chrompack, Inc.
Chrompack International B.V.
Cole-Parmer Instrument Co.
Corning Glass Works
Drummond Scientific Co.
The Duriron Co., Inc.
Foxboro Analabs
Friedrich & Dimmock, Inc.
Galbraith Laboratories, Inc.
Galileo Electro-Optics Corp.
Goodfellow Metals Cambridge, Ltd.
Handy & Harman Tube Co.
J&S Scientific, Inc.
J & W Scientific, Inc.
Kimble Div.
Kloehn Co., Inc.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
Pharmacia, Inc.
Phase Separations, Inc.
Pickering Laboratories, Inc.
QuadRex Corp.
Rainin Instrument Co., Inc.
Schott America
Scientific Glass Engineering, Inc.
Scientific Specialties Service, Inc.
Scientific Systems, Inc.
Supelco, Inc.
Thomas Scientific
Ultra-Scientific
Unimetrics Corp.
Universal Scientific, Inc.
Upchurch Scientific
Wale Apparatus Co.
Whatman Inc.
Wilma Glass Co., Inc.

fused silica

Analabs
Chemical Research Supplies
Chrompack, Inc.
Galbraith Laboratories, Inc.
Goodfellow Metals Cambridge, Ltd.
QuadRex Corp.
Ruska Instrument Corp.
Supelco, Inc.
Wilma Glass Co., Inc.

glass

Ace Glass, Inc.
Alltech Associates/Applied Science
Analabs
The Anspec Co., Inc.
Cajon Co.
Chrompack International B.V.
Corning Glass Works
Dell Optics Co., Inc.
Drummond Scientific Co.
Eugene Ernst Products Co.
Esco Products
Fish-Schurman Corp.
Foxboro Analabs
Friedrich & Dimmock, Inc.
Galbraith Laboratories, Inc.
Galileo Electro-Optics Corp.
General Electric Co., Lamp Glass Dept.
Kimble Div.
Kloehn Co., Inc.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
New York Laboratory Supply Co., Inc.
Phenomenex
QuadRex Corp.
Rainin Instrument Co., Inc.
Reliance Glass Works, Inc.
Schott America
Scientific Glass & Instruments, Inc.
Thomas Scientific
Ultra-Scientific
Unimetrics Corp.
Universal Scientific, Inc.
Wale Apparatus Co.
Wheaton Scientific
Wilkins-Anderson Co.
Wilma Glass Co., Inc.

glass, high precision, custom made

Alltech Associates/Applied Science
Analabs
The Anspec Co., Inc.
Corning Glass Works
Dell Optics Co., Inc.
Drummond Scientific Co.
Eugene Ernst Products Co.
Fish-Schurman Corp.
Foxboro Analabs
Friedrich & Dimmock, Inc.
Galbraith Laboratories, Inc.
Galileo Electro-Optics Corp.
General Electric Co., Lamp Glass Dept.
Kloehn Co., Inc.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
QuadRex Corp.
Reliance Glass Works, Inc.
Schott America
Scientific Glass & Instruments, Inc.
Ultra-Scientific
Unimetrics Corp.
Wale Apparatus Co.
Wilma Glass Co., Inc.

graphite - see also graphite products

Aremco Products, Inc.
Atomergic Chemetals Corp.
The Boc Group, Inc.
Buck Scientific, Inc.
J & W Scientific, Inc.
Union Carbide Corp.
Union Carbide Corp., Carbon Products Div.

metal

ABI Analytical/Kratos Div.
Alltech Associates/Applied Science
Analabs
The Anspec Co., Inc.

Atomergic Chemetals Corp.
Babcock & Wilcox, Tubular Products Div.
Beckman Instruments, Inc.
Cajon Co.
Chrompack International B.V.
The Duriron Co., Inc.
Engelhard Corp.
Foxboro Analabs
Goodfellow Metals Cambridge, Ltd.
Hamilton Co.
Handy & Harman Tube Co.
Johnson Matthey, Inc.
Kontes
LaJolla Scientific Co., Inc.
Phase Separations, Inc.
Phenomenex
Popper & Sons, Inc.
Prolabo
Rainin Instrument Co., Inc.
Scientific Systems, Inc.
Sno-Trik Co.
Supelco, Inc.
Ultra-Scientific
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Varian Associates, Inc., Vacuum Products Div.

plastic

ABI Analytical/Kratos Div.
Ace Lite Step Co.
Alltech Associates/Applied Science
American Scientific Products
Analabs
The Anspec Co., Inc.
Beckman Instruments, Inc., Altex Div.
Beckman Instruments, Inc.
Bel-Art Products
Bethlehem Apparatus Co., Inc.
Bio-Rad Laboratories
The Boc Group, Inc.
Clay Adams
Cole-Parmer Instrument Co.
The Duriron Co., Inc.
Dynalab Corp.
Elkay Products, Inc.
Eugene Ernst Products Co.
Ertel Engineering Co.
Fluorocarbon Co.
Galtek Corp.
General Drug & Chemical Corp.
Goodfellow Metals Cambridge, Ltd.
Hamilton Co.
Hydro Service & Supplies, Inc.
Interex Corp.
LKB Instruments, Inc.
Nalge Co.
New York Laboratory Supply Co., Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Hose Products Div.
Parker-Hannifin Corp., Parflex Div.
Parker-Hannifin Corp., Seal Group
Parker-Hannifin Corp., Tube Fittings Div.
Pharmacia, Inc.
Phase Separations, Inc.
Phenomenex
Pickering Laboratories, Inc.
Plasticware Lab. Products
Pope Scientific, Inc.
Rainin Instrument Co., Inc.
Scientific Specialties Service
Sepor, Inc.
Serfilco, Ltd.
Sethco Div.
Supelco, Inc.
Thomas Scientific
Unimetrics Corp.
Universal Scientific, Inc.
VWR Scientific
Wale Apparatus Co.
Wilkins-Anderson Co.

quartz

Ace Glass, Inc.
Atlantic Ultraviolet Corp.
Atomergic Chemetals Corp.
Chrompack International B.V.
Dell Optics Co., Inc.
Esco Products
Friedrich & Dimmock, Inc.
Galbraith Laboratories, Inc.

Galileo Electro-Optics Corp.
General Electric Co., Lamp Glass Dept.
Goodfellow Metals Cambridge, Ltd.
J & W Scientific, Inc.
Kontes
Lab-Crest Scientific
Lab Glass, Inc.
Precision Cells, Inc. (NSG)
QuadRex Corp.
Quartz Products Corp.
Reliance Glass Works, Inc.
Ruska Instrument Corp.
Scientific Glass & Instruments
Thermal American Fused Quartz Co.
Thomas Scientific
Wale Apparatus Co.
Wilma Glass Co., Inc.

rubber

Ace Lite Step Co.
American Scientific Products
The Boc Group, Inc.
Cole-Parmer Instrument Co.
Dow Corning Corp.
Dynalab Corp.
LKB Instruments, Inc.
New Brunswick Scientific Co., Inc.
New York Laboratory Supply Co., Inc.
Parker-Hannifin Corp., Seal Group
Precision Scientific, Inc.
Serfilco, Ltd.
Thomas Scientific
Wale Apparatus Co.
Wheaton Scientific
Wilkins-Anderson Co.

vacuum

Ace Lite Step Co.
Balzers
The Boc Group, Inc.
Cole-Parmer Instrument Co.
Denton Vacuum, Inc.
Dynalab Corp.
Kontes
Leybold-Heraeus Vacuum Products, Inc.
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Precision Scientific, Inc.
Scientific Glass & Instruments
Thermionics Laboratory, Inc.
Thomas Scientific
Varian Associates, Inc., Vacuum Products Div.

TURBIDIMETERS

ABI Analytical/Kratos Div.
Bailey Controls Co.
Capital Controls Co., Inc.
R. P. Cargille Labs., Inc.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
E. I. duPont de Nemours & Co., Inc.
E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.
Engineered Systems & Designs
Ertel Engineering Co.
Great Lakes Instruments, Inc.
Hach Co.
Kahl Scientific Instrument Corp.
Kernco Instruments Co., Inc.
Kimble Div.
Labsystems, Inc.
LaMotte Chemical Products Co.
New Brunswick Scientific Co., Inc.
Orbeco Analytical Systems, Inc.
Pen Kem, Inc.
Prolabo
Sargent-Welch Scientific Co.
Sequoia-Turner Corp.
TCS
Thomas Scientific
Turner Designs
Wyatt Technology Corp.

ULTRACENTRIFUGES - see centrifuges**ULTRAMICROTOMES - see microtomes, ultra****ULTRASONIC EQUIPMENT**

analysis equipment
Cole-Parmer Instrument Co.
Hewlett-Packard Co.

Tomorrow at Your Fingertips.

Mitsubishi gives you one-touch operating ease in these two highly advanced full-auto systems.

Microprocessor control assures futuristic accuracy, speed and versatility. Mitsubishi offers a wide range of systems to answer your total needs.

New-Concept CA-05 **Moisture Measurement Capabilities.**



The CA-05 Moisture Meter/VA-05 Water Vaporizer, with built-in printer, provides fully automatic measurement. High coulometric Karl Fischer titration accuracy, diverse mode/calculation functions, 16-digit display and optional balance/computer interfacing maximize versatility.

Applications include: Plastics, Oils, LPG, Freon Gas, Petrochemical Products, Pharmaceuticals, Ores, Semiconductors, etc.

CIRCLE 24 ON READER SERVICE CARD

New-Concept GT-05 **Titration Efficiency.**



The GT-05 is today's finest fully automatic potentiometric titration instrument. A CRT, advanced microprocessor control, unique software and built-in printer mean maximum accuracy, sensitivity and ease. Data remains in memory and pre-programming is possible. Diverse electrodes and Mitsubishi's GT5SC Sample Changer are available.

Applications include: Petrochemical Products, Foods, Pharmaceuticals, Macromolecules, Water, etc.

CIRCLE 25 ON READER SERVICE CARD



MITSUBISHI CHEMICAL INDUSTRIES LIMITED

Instruments Dept., Mitsubishi Bldg., 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100, Japan.
Tel: (03)455-4220 Telex: MCIINS J34480 Fax: (03)455-4233 Cable Address: MBISHICHEMICAL TOKYO

☐ North America	U.S.A. COSA Instrument Corp. (201) 767 6600. Canada Mandel Scientific Co., Ltd. (519) 856 9566.
☐ Europe	U.K. EDT 01-961-1477 (GT-05), Anachem 0582-456666 (CA-05). Germany ABIMED 2173-72071. France SIDERCOM 572 44 00. Netherlands Charles Goffin 03408-87717. Belgium Ankersmit (02) 374 91 10. Ireland AGB Scientific Ltd. 309533. Denmark CLAUS KETTEL 452944411. Switzerland Synmedic AG (01) 463 69 90. Spain Comercial Rafer 976 237400. Norway Houm & Co. (02) 15 92 50. Finland PPM-systems Oy 90-803 7588. Italy NEWTEC 035 210242. U.S.S.R. (Moscow) ISKRA INDUSTRY 298-50-14.
☐ Asia & Oceania	India Toshniwal Brothers Private Ltd. 446 448. Korea Sam Jin Commercial Co., Ltd. 778-3151. Singapore SPECTRUM Supplies & Services 265 7766. Taiwan PAN-YA Instrument Co., Ltd. 07-241-6003. Australia FSE Scientific (02) 745 3377. Hong Kong World Ways Co. 5 430765. Malaysia Scientific Supplies 60 7338861.
☐ Middle East	Saudi Arabia K.I. Abdulkadir & Partners 038945019 (Al-Khobar), 014763276 (Riyadh), 026877466 (Jeddah).

Magnaflux Corp.
Nuclear Associates
Pen Kem, Inc.
Rexnord Instrument Products
Walker Scientific, Inc.

cleaning equipment

American Scientific Products
AMSCO/American Sterilizer Co.
The Anspec Co., Inc.
Balzers
Blackstone Ultrasonics, Inc.
Branson Ultrasonics Corp.
Buehler Ltd.
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Heat Systems-Ultrasonics, Inc.
Interex Corp.
Interlab, Inc.
J&S Scientific, Inc.
L & R Manufacturing Co.
Neytech Div., The J.M. Ney Co.
Nuclear Equipment Chemical Corp.

Phenomenex
Polaron Instruments, Inc.
Polysciences, Inc.
Rainin Instrument Co., Inc.
Sepor, Inc.
Solder Absorbing Technology, Inc.
Sonicator Instrument Corp.
Structure Probe, Inc.
Supelco, Inc.
Tegal Scientific, Inc.
Thomas Scientific
Tousimis
Wale Apparatus Co.
Westinghouse Electric Corp., Industrial Equipment Div.
Wilkins-Anderson Co.
Wilmad Glass Co., Inc.
Yamato USA, Inc.

disintegrators and emulsifiers

The Anspec Co., Inc.
Artek Systems Corp.
Bico, Inc.
Biospec Products, Inc.
Blackstone Ultrasonics, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
B. Braun Instruments
Cole-Parmer Instrument Co.
Glen Mills, Inc.
Heat Systems-Ultrasonics, Inc.
Impandex, Inc.
Kontes
Lab-Line Instruments, Inc.
Nuclear Equipment Chemical Corp.
Sonicator Instrument Corp.
Tekmar Co.
The VirTis Co.

generators

Blackstone Ultrasonics, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
B. Braun Instruments
Cole-Parmer Instrument Co.
Heat Systems-Ultrasonics, Inc.
Hewlett-Packard Co.
Interlab, Inc.
Lab-Line Instruments, Inc.
L & R Manufacturing Co.
Nuclear Equipment Chemical Corp.
Sonicator Instrument Corp.
Westinghouse Electric Corp., Industrial Equipment Div.

grinders, impact

Benchmark Industries, Inc.
Biospec Products, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
Glen Mills, Inc.
Impandex, Inc.
Tekmar Co.

probes

American Gas & Chemical Co., Ltd.
Artek Systems Corp.
Bico, Inc.
Biospec Products, Inc.
Blackstone Ultrasonics, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
B. Braun Instruments
Heat Systems-Ultrasonics, Inc.
Hewlett-Packard Co.

Introtek International
Lab-Line Instruments, Inc.
Nuclear Equipment Chemical Corp.
Sonicator Instrument Corp.
C. W. Stevens, Inc.
Tekmar Co.
Thomas Scientific

other

Badger Meter, Inc.
Branson Ultrasonics Corp.
Branson Sonic Power Co.
Custom Machine, Inc.
Heat Systems-Ultrasonics, Inc.
Introtek International
Kay-Ray, Inc.
Panametrics, Inc.
Polysciences, Inc.
Sonicator Instrument Corp.
Westinghouse Electric Corp., Industrial Equipment Div.

ULTRAVIOLET EQUIPMENT

- *see also cells, UV; crystals; detectors, UV; lamps and light sources, UV; spectrometers, ultraviolet; spectra, UV*

ABI Analytical/Kratos Div.
Ace Glass, Inc.
American Scientific Products
American Ultraviolet Co.
Anaitech, Inc.
Atlantic Ultraviolet Corp.
Beckman Instruments, Inc.
BHK, Inc.
Bio-Rad Laboratories
Buck Scientific, Inc.
Camag
Capital Controls Co., Inc.
Chemtrix, Inc.
Coherent, Inc.
Cole-Parmer Instrument Co.
Culligan International Co.
Dosimeter Corp.
EG&G Gamma Scientific
EG&G Inc., Electro-Optics Div.
EIMAC
Fotodyne, Inc.
Galileo Electro-Optics Corp.
George W. Gates & Co., Inc.
General Fiber Optics, Inc.
Haake Buchler Instruments, Inc.
Harrick Scientific Corp.
HI-Q Environmental Products Co.
Hydro Service & Supplies, Inc.
IBM Instruments, Inc.
Instruments SA, Inc.
ISCO
Janos Technology Inc.
Japan Spectroscopic Co., Ltd.
E. Leitz, Inc.
LKB Instruments, Inc.
Magnaflux Corp.
Milton Roy Co., Analytical Products Div.
Oriel Corp.
Perkin-Elmer Corp.
Perkin-Elmer, Ltd.
Pharmacia, Inc.
Philips Export B.V.
Pierce Chemical Co.
PRA International, Inc.
Precision Cells, Inc. (NSG)
Process & Instruments Corp.
Prolabo
Rudolph Instruments, Inc.
SAS Pharmaceuticals, Ltd.
The Second Source
Sequoia-Turner Corp.
Shimadzu Corp.
Shimadzu Scientific Instruments, Inc.
Southern New England Ultraviolet Co.
Spectronics Corp.
Spectro Products, Inc.
Spex Industries, Inc.
Supelco, Inc.
Surface Science Instruments
TCS
Teledyne Analytical Instruments
Thomas Scientific
UVP, Inc.
VG Instruments, Inc.
Wale Apparatus Co.

Waters Chromatography
Wilmad Glass Co., Inc.
Xenon Corp.

ULTRAVIOLET EQUIPMENT, absorptiometers

ABI Analytical/Kratos Div.
Gilson Medical Electronics, Inc.
Haake Buchler Instruments, Inc.
ISCO
Japan Spectroscopic Co., Ltd.
Kontron AG
Lightpath Cells, Inc.
Philips Export B.V.
Prolabo
Research Ventures, Inc.
Sequoia-Turner Corp.
Shimadzu Corp.
TCS
Teledyne Analytical Instruments
Toyo Kagaku Sangyo Co. Ltd.

VACUUM

BALANCES - *see balances*

bell jars

Andonian Cryogenics, Inc.
Balzers
The Boc Group, Inc.
Centorr Associates, Inc.
Corning Glass Works
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Elnik Instruments, Inc.
General Electric Co., Lamp Glass Dept.
High Vacuum Equipment Corp.
Kimble Div.
Lab Glass, Inc.
Lepel High Frequency Labs., Inc.
McPherson
Nalge Co.
New York Laboratory Supply Co., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Vacuum Products
Polaron Instruments, Inc.
Pope Scientific, Inc.
Quartz Products Corp.
Schott America
SGA Scientific Inc.
Structure Probe, Inc.
Thermionics Laboratory, Inc.
Thomas Scientific
Tousimis
Veeco Instruments, Inc.

chambers

Andonian Cryogenics, Inc.
Aremco Products, Inc.
Balzers
Blue M
The Boc Group, Inc.
Cambridge Instrument Co., Inc.
Canberra Industries, Inc.
Centorr Associates, Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
EG&G Ortec
Elnik Instruments, Inc.
Forma Scientific
FTS Systems, Inc.
Gallenkamp
General Electric Co., Lamp Glass Dept.
Global Process Equipment, Inc.
Harrick Scientific Corp.
High Vacuum Equipment Corp.
Janis Research Co., Inc.
Labconco Corp.
Lepel High Frequency Labs., Inc.
McPherson
Nalge Co.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Vacuum Products
Ransco Industries, Inc.
Refrigeration For Science, Inc.
Charles Ross & Son Co.
Stokes, Div. of Pennwalt Corp.
Structure Probe, Inc.
Tennelec, Inc.
Tenney Engineering, Inc.
Thermionics Laboratory, Inc.

Vacuum Industries, Inc.
The VirTis Co.
Vista Scientific Corp.
Webber Manufacturing Co., Inc.

collars and feed throughs

Balzers
The Boc Group, Inc.
Cathodeon, Ltd.
Centorr Associates, Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Ernest F. Fullam, Inc.
High Vacuum Equipment Corp.
Lepel High Frequency Labs., Inc.
Newport Corp.
Perkin-Elmer Vacuum Products
Physicon Corp.
Thermionics Laboratory, Inc.
Varian Associates, Inc., Vacuum Products Div.
Veeco Instruments, Inc.

controllers and regulators

Andonian Cryogenics, Inc.
Balzers
Benchmark Industries, Inc.
The Boc Group, Inc.
Capital Controls Co., Inc.
Circle Seal Controls
CVC Products, Inc.
Datametrics
Edwards High Vacuum, Inc.
The Fredericks Co.
Gilmont Instruments, Inc.
Granville-Phillips Co.
Honeywell, Inc., Industrial Controls Div.
Instruments For Research & Industry
Kontes
Lake Shore Cryotronics, Inc.
Manostat Corp.
Matheson Gas Products
MKS Instruments, Inc.
Nuclide Corp.
Perkin-Elmer Corp.
Perkin-Elmer Vacuum Products
Polaron Instruments, Inc.
Prolabo
Sloan Technology Corp.
Spectrum Medical Industries, Inc.
Stokes, Div. of Pennwalt Corp.
Teledyne Hastings-Raydist
Thermionics Laboratory, Inc.
Thomas Scientific
Varian Associates, Inc., Vacuum Products Div.
Veeco Instruments, Inc.

evaporators

Ace Glass, Inc.
Balzers
The Boc Group, Inc.
Brinkmann Instruments, Inc.
Buchi
CM Furnaces, Inc.
Cole-Parmer Instrument Co.
CVC Products, Inc.
Denton Vacuum, Inc.
Dynalab Corp.
Edwards High Vacuum, Inc.
Etec Corp.
Ernest F. Fullam, Inc.
Goslin-Birmingham, Inc.
Haake Buchler Instruments, Inc.
High Vacuum Equipment Corp.
Jeol U.S.A. Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Corp.
Polaron Instruments, Inc.
Refrigeration For Science, Inc.
Savant Instruments, Inc.
Scientific Glass & Instruments, Inc.
Structure Probe, Inc.
Thermionics Laboratory, Inc.
Tousimis
UIC, Inc.
Veeco Instruments, Inc.
Wheaton Scientific
Yamato USA, Inc.

fittings and flanges

ANACON
Andonian Cryogenics, Inc.
Balzers
The Boc Group, Inc.

Cajon Co.
Centorr Associates, Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Hoke Incorporated
Kontes
Lab Glass, Inc.
Leybold-Heraeus Vacuum Products, Inc.
MKS Instruments, Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Parker-Hannifin Corp., Instrumentation Connectors Div.
Perkin-Elmer Vacuum Products
Thermionics Laboratory, Inc.
Varian Associates, Inc., Vacuum Products Div.
Veeco Instruments, Inc.
VG Instruments, Inc.

locks

Balzers
Coy Laboratory Products
Nuclide Corp.
Nuclide Corp., AGV Div.

micro-sublimation apparatus

Ace Glass, Inc.
Aldrich Chemical Co., Inc.
Lab Glass, Inc.
Perkin-Elmer Corp.
Reliance Glass Works, Inc.
Scientific Glass & Instruments, Inc.
SGA Scientific Inc.
Thermionics Laboratory, Inc.
Tudor Scientific Glass Co.

ovens - *see ovens*

pumps - *see pumps*

seals and sealants

The Advanced Products Co.
Balzers
Bellofram Corp.
Biddle Instruments
Crawford Fitting Co.
CVC Products, Inc.
Denton Vacuum, Inc.
Dow Corning Corp.
Edwards High Vacuum, Inc.
EIMAC
Kinney Vacuum Co.
LND, Inc.
Norton Co. (Mass.)
Norton Performance Plastics
Perkin-Elmer Vacuum Products
Pierce Chemical Co.
Polaron Instruments, Inc.
Scientific Glass & Instruments, Inc.
Scientific Specialties Service, Inc.
Thermionics Laboratory, Inc.
Thomas Scientific
Varian Associates, Inc., Vacuum Products Div.
Veeco Instruments, Inc.

systems, complete

Andonian Cryogenics, Inc.
Balzers
Beach-Russ Co.
The Boc Group, Inc.
Capital Controls Co., Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Elnik Instruments, Inc.
Forma Scientific
FTS Systems, Inc.
High Vacuum Equipment Corp.
Instruments SA, Inc.
Kinney Vacuum Co.
Kontes
Leybold-Heraeus Vacuum Products, Inc.
H. S. Martin, Inc.
McPherson
Nalge Co.
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Vacuum Products
Polaron Instruments, Inc.
Pope Scientific, Inc.
Process & Instruments Corp.
Refrigeration For Science, Inc.

4

Instruments, Equipment & Supplies

1987 LabGuide

#2

VALID THROUGH
MAY 1, 1988

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617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644
645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672
673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700

Intensity of product need: ☐ 1. Have salesman call ☐ 2. Need within 6 mos. ☐ 3. Future project

Primary area of employment:
INDUSTRIAL
☐ A. Research/Development
☐ B. Quality/Process Control
MEDICAL/HOSPITAL
☐ C. Research/Development
☐ D. Clinical/Diagnostic
GOVERNMENT
☐ E. Research/Development
☐ F. Regulate/Investigate
COLLEGE/UNIVERSITY
☐ G. Research/Development
☐ H. Teaching
INDEPENDENT/CONSULTING
☐ I. Research/Development
☐ J. Analysis/Testing

Primary field of work:
☐ A. Energy
☐ B. Environmental
☐ C. Medical/Clinical
☐ D. Drug/Toiletries
☐ E. Forensic/Narcotic
☐ F. Biotechnology
☐ G. Metals
☐ H. Pulp/Paper/Wood
☐ I. Soaps/Cleaners
☐ J. Paint/Coating/Ink
☐ K. Electrical/Electronic
☐ L. Instrument Dev./Design
☐ M. Plastic/Polymer/Rubber
☐ N. Agricultural/Food
☐ O. Inorganic Chemicals
☐ P. Organic Chemicals

NAME: _____

TITLE: _____

COMPANY: _____

STREET: _____

CITY: _____

STATE: _____ ZIP: _____

TELEPHONE: (____) _____



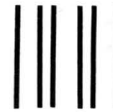
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PHILADELPHIA, PA 19101



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UNITED STATES

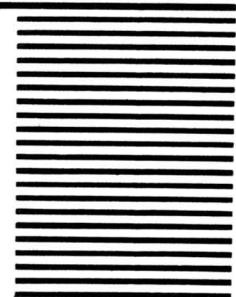
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1987 LabGuide

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VALID THROUGH
MAY 1, 1988

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
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169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196
197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252
253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308
309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364
365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448
449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476
477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504
505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532
533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588
589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616
617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644
645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672
673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700

Intensity of product need: ☐ 1. Have salesman call ☐ 2. Need within 6 mos.
☐ 3. Future project

Primary area of employment:
INDUSTRIAL
☐ A. Research/Development
☐ B. Quality/Process Control
MEDICAL/HOSPITAL
☐ C. Research/Development
☐ D. Clinical/Diagnostic
GOVERNMENT
☐ E. Research/Development
☐ F. Regulate/Investigate
COLLEGE/UNIVERSITY
☐ G. Research/Development
☐ H. Teaching
INDEPENDENT/CONSULTING
☐ I. Research/Development
☐ J. Analysis/Testing

Primary field of work:
☐ A. Energy
☐ B. Environmental
☐ C. Medical/Clinical
☐ D. Drug/Toiletries
☐ E. Forensic/Narcotic
☐ F. Biotechnology
☐ G. Metals
☐ H. Pulp/Paper/Wood
☐ I. Soaps/Cleaners
☐ J. Paint/Coating/Ink
☐ K. Electrical/Electronic
☐ L. Instrument Dev./Design
☐ M. Plastic/Polymer/Rubber
☐ N. Agricultural/Food
☐ O. Inorganic Chemicals
☐ P. Organic Chemicals

NAME: _____
TITLE: _____
COMPANY: _____
STREET: _____
CITY: _____
STATE: _____ ZIP: _____
TELEPHONE: (____) _____

Reliance Glass Works, Inc.
Scientific Glass & Instruments,
Inc.
Stokes, Div. of Pennwalt Corp.
Thermionics Laboratory, Inc.
Tudor Scientific Glass Co.
Vacuum Industries, Inc.
Varian Associates, Inc., Vacuum
Products Div.
Veeco Instruments, Inc.
VG Instruments, Inc.

traps

Aldrich Chemical Co., Inc.
Andonian Cryogenics, Inc.
Balzers
Beach-Russ Co.
Cal-Glass For Research, Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Forma Scientific
FTS Systems, Inc.
Harris Mfg. Co., Inc.
High Vacuum Equipment Corp.
HI-Q Environmental Products Co.
Kontes
Lab Glass, Inc.
Leybold-Heraeus Vacuum
Products, Inc.
H. S. Martin, Inc.
Perkin-Elmer Corp.
Perkin-Elmer Vacuum Products
Refrigeration For Science, Inc.
Reliance Glass Works, Inc.
Sargent-Welch Scientific Co.
Savant Instruments, Inc.
Scientific Glass & Instruments,
Inc.
SGA Scientific Inc.
Thermionics Laboratory, Inc.
Thermoelectrics Unlimited, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
Varian Associates, Inc., Vacuum
Products Div.
Veeco Instruments, Inc.
VG Instruments, Inc.
The VirTis Co.
Vitro Technology, Ltd.

ultra-high vacuum turbo- molecular pumping units

Balzers
Denton Vacuum, Inc.
Elnik Instruments, Inc.
Leybold-Heraeus Vacuum
Products, Inc.
McPherson
Perkin-Elmer Corp.
Sargent-Welch Scientific Co.
Varian Associates, Inc., Vacuum
Products Div.

valves - see valves

VACUUM EVAPORATION AND ACCESSORIES

pneumatic shutter for electron bearing on substrate heaters

Balzers
The Boc Group, Inc.
CVC Products, Inc.

rate and thickness monitors

Automation Products, Inc.
Balzers
The Boc Group, Inc.
Edwards High Vacuum, Inc.
Inficon Leybold-Heraeus, Inc.
Polaron Instruments, Inc.
Sloan Technology Corp.
Veeco Instruments, Inc.

substrate holders

Aremco Products, Inc.
Balzers
The Boc Group, Inc.
CVC Products, Inc.
Denton Vacuum, Inc.
Edwards High Vacuum, Inc.
Fish-Schurman Corp.
Ernest F. Fullam, Inc.
Newport Corp.
Union Carbide Corp., Carbon
Products Div.
Veeco Instruments, Inc.

VALVES

air control

Alphagaz Specialty Gases
Analabs
The Anspec Co., Inc.
Automatic Switch Co.
Badger Meter, Inc.
Balzers
Bellofram Corp.
The Boc Group, Inc.
Chrompack International B.V.
Circle Seal Controls
G. W. Dahl Co., Inc.
The Duriron Co., Inc.
Fisher Controls International,
Inc.
Fluorocarbon Co.
Gilmont Instruments, Inc.
Honeywell, Inc.
Jamesbury Corp.
Nupro Co.
Popper & Sons, Inc.
Sierra Instruments, Inc.
Universal Scientific, Inc.
Valcor Engineering Corp.
Vitaclac Company of America

corrosion resistant

Alphagaz Specialty Gases
Analabs
Ashland Chemical Co.
Automatic Switch Co.
Badger Meter, Inc.
Balzers
Bel-Art Products
Big Three Industries
The Boc Group, Inc.
Circle Seal Controls
Cole-Parmer Instrument Co.
Corning Glass Works
Crane Co.
G. W. Dahl Co., Inc.
Dionex Corp.
The Duriron Co., Inc.
EG&G Sealol, Inc.
Fisher Controls International,
Inc.
Fluorocarbon Co.
Galtek Corp.
General Production Services,
Inc.
Gilmont Instruments, Inc.
Grinnell Supply Sales Co.
Hamilton Co.
Hayward Industrial Products
Hoke Incorporated
Hydro Service & Supplies, Inc.
Jamesbury Corp.
Kloehn Co., Inc.
Kontes
Leybold-Heraeus Vacuum
Products, Inc.
LiquiFlo Equipment Co.
Matheson Gas Products
M G Industries
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Nupro Co.
Quadrex Corp.
Rheodyne, Inc.
Scientific Systems, Inc.
Scott Specialty Gases
Serfilco, Ltd.
Sethco Div.
Sno-Trik Co.
Tomco
Unimetrics Corp.
Union Carbide Corp., Linde Div.
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Valcor Engineering Corp.
Vanton Pump & Equipment
Corp.
Veriflo Corp.
Whitey Co.

diaphragm-powered

Alphagaz Specialty Gases
Analabs
Automatic Switch Co.
Badger Meter, Inc.
Bellofram Corp.
Big Three Industries
The Boc Group, Inc.
Circle Seal Controls
Cole-Parmer Instrument Co.
G. W. Dahl Co., Inc.
The Duriron Co., Inc.
Fisher Controls International,
Inc.
Fluorocarbon Co.

The Foxboro Company
Granville-Phillips Co.
HI-Q Environmental Products Co.
Jamesbury Corp.
M G Industries
Quadrex Corp.
Serfilco, Ltd.
Valcor Engineering Corp.
Veriflo Corp.

float-operated

Analabs
Bailey Controls Co.
Circle Seal Controls
Universal Scientific, Inc.

high pressure

Airco Special Gases
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
Analabs
The Anspec Co., Inc.
Ashland Chemical Co.
Ashland Chemical Co.,
Scientific Gas Products
Automatic Switch Co.
Badger Meter, Inc.
Bailey Controls Co.
Beckman Instruments, Inc.,
Altex Div.
The Boc Group, Inc.
Chrompack, Inc.
Chrompack International B.V.
Circle Seal Controls
G. W. Dahl Co., Inc.
Dionex Corp.
The Duriron Co., Inc.
EG&G Sealol, Inc.
Fisher Controls International,
Inc.
Foxboro Analabs
Gordon-Keeble, Inc.
Granville-Phillips Co.
High Pressure Equipment Co.
Hoke Incorporated
Honeywell, Inc., Industrial
Controls Div.
HPLC Technology, Ltd.
Jamesbury Corp.
King Nutronics Corp.
Liquid Carbonic
Matheson Gas Products
M G Industries
Nupro Co.
Parker-Hannifin Corp.,
Instrumentation Valve Div.
Phenomenex
Prolabo
Rainin Instrument Co., Inc.
Rheodyne, Inc.
Ruska Instrument Corp.
Scientific Systems, Inc.
Scott Specialty Gases
Sno-Trik Co.
T & S Brass & Bronze Works,
Inc.
Unimetrics Corp.
Union Carbide Corp., Linde Div.
Universal Scientific, Inc.
Valcor Engineering Corp.
Veriflo Corp.
Vitaclac Company of America
Whitey Co.

instrumentation

Aalborg Instruments & Controls,
Inc.
Alphagaz Specialty Gases
Analabs
Analytical Bio-Chemistry Labs.,
Inc.
Astrosystems, Inc.
Automatic Switch Co.
Bailey Controls Co.
Balzers
Bellofram Corp.
Big Three Industries
Brooks Instrument Div.
Chrompack, Inc.
Circle Seal Controls
Cole-Parmer Instrument Co.
G. W. Dahl Co., Inc.
Dionex Corp.
The Duriron Co., Inc.
FIATron Laboratory Systems
Fluorocarbon Co.
Grinnell Supply Sales Co.
Hamilton Co.
Hayward Industrial Products
Hoke Incorporated
Jamesbury Corp.
King Nutronics Corp.

Kloehn Co., Inc.
Leybold-Heraeus Vacuum
Products, Inc.
Matheson Gas Products
Nupro Co.
Parker-Hannifin Corp.,
Instrumentation Valve Div.
Popper & Sons, Inc.
Rheodyne, Inc.
Scientific Systems, Inc.
Supelco, Inc.
Union Carbide Corp., Linde Div.
Valcor Engineering Corp.
Veriflo Corp.
VICI Metronics, Inc., Condyne
Div.
Whitey Co.

needle

Aalborg Instruments & Controls,
Inc.
Airco Special Gases
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
Analabs
The Anspec Co., Inc.
Ashland Chemical Co.,
Scientific Gas Products
Automatic Switch Co.
Badger Meter, Inc.
Balzers
Big Three Industries
The Boc Group, Inc.
Brooks Instrument Div.
Chrompack, Inc.
Chrompack International B.V.
Circle Seal Controls
Cole-Parmer Instrument Co.
G. W. Dahl Co., Inc.
Edwards High Vacuum, Inc.
Eugene Ernst Products Co.
Fluorocarbon Co.
The Foxboro Company
Galtek Corp.
Gilmont Instruments, Inc.
Hayward Industrial Products
Hoke Incorporated
J & W Scientific, Inc.
Lab-Crest Scientific
Liquid Carbonic
Matheson Gas Products
M G Industries
Nalge Co.
Norton Co. (Mass.)
Norton Performance Plastics
Nupro Co.
Parker-Hannifin Corp., Brass
Products Div.
Popper & Sons, Inc.
Porter Instrument Co., Inc.
Prolabo
Ruska Instrument Corp.
Scientific Systems, Inc.
Scott Specialty Gases
Supelco, Inc.
T & S Brass & Bronze Works,
Inc.
Union Carbide Corp., Linde Div.
Universal Scientific, Inc.
Veriflo Corp.
VICI Metronics, Inc., Condyne
Div.
Whitey Co.

plastic

Aalborg Instruments & Controls,
Inc.
Alphagaz Specialty Gases
Analabs
Automatic Switch Co.
Badger Meter, Inc.
Beckman Instruments, Inc.,
Altex Div.
Bel-Art Products
Circle Seal Controls
Cole-Parmer Instrument Co.
G. W. Dahl Co., Inc.
Dionex Corp.
The Duriron Co., Inc.
Dynalab Corp.
Fluorocarbon Co.
The Foxboro Company
Galtek Corp.
Gilmont Instruments, Inc.
Grinnell Supply Sales Co.
Hamilton Co.
Hayward Industrial Products
Hydro Service & Supplies, Inc.
Kloehn Co., Inc.
Nalge Co.
Norton Co. (Mass.)

Norton Performance Plastics
Parker-Hannifin Corp., Brass
Products Div.
Pharmacia, Inc.
Rainin Instrument Co., Inc.
Rheodyne, Inc.
Plasticware Lab. Products
Serfilco, Ltd.
Supelco, Inc.
Universal Scientific, Inc.
Valcor Engineering Corp.
Vanton Pump & Equipment
Wheaton Scientific

relief

Air Products & Chemicals, Inc.
Alphagaz Specialty Gases
Analabs
The Anspec Co., Inc.
Automatic Switch Co.
Big Three Industries
Chrompack International B.V.
Circle Seal Controls
Crosby Valve & Gage Co.
Fisher Controls International,
Inc.
Hayward Industrial Products
Hoke Incorporated
JAECO Pump Co.
Leybold-Heraeus Vacuum
Products, Inc.
LiquiFlo Equipment Co.
Matheson Gas Products
M G Industries
Milton Roy Co., LDC Div.
Nupro Co.
Phenomenex
Rheodyne, Inc.
Scientific Systems, Inc.
Scott Specialty Gases
Serfilco, Ltd.
Tomco
Universal Scientific, Inc.
Valcor Engineering Corp.
Veriflo Corp.
Waltham Chemical Pump Corp.

remote control full flow-thru

Alphagaz Specialty Gases
Astrosystems, Inc.
Automatic Switch Co.
Balzers
Circle Seal Controls
Datametrics
Dionex Corp.
The Duriron Co., Inc.
Fisher Controls International,
Inc.
General Production Services,
Inc.
Hamilton Co.
Hayward Industrial Products
Honeywell, Inc., Industrial
Controls Div.
Jamesbury Corp.
Nupro Co.
Parker-Hannifin Corp.,
Instrumentation Valve Div.
Pharmacia, Inc.
Scientific Systems, Inc.
T & S Brass & Bronze Works
Unimetrics Corp.
Universal Scientific, Inc.
Valcor Engineering Corp.
Whitey Co.

safety

Air Products & Chemicals, Inc.
Alphagaz Specialty Gases
Andonian Cryogenics, Inc.
Ashland Chemical Co.,
Scientific Gas Products
Automatic Switch Co.
The Boc Group, Inc.
Circle Seal Controls
Crosby Valve & Gage Co.
Dynalab Corp.
Hoke Incorporated
JAECO Pump Co.
Jamesbury Corp.
Leybold-Heraeus Vacuum
Products, Inc.
Matheson Gas Products
M G Industries
Sno-Trik Co.
Universal Scientific, Inc.

shutoff

Alphagaz Specialty Gases
Automatic Switch Co.
Badger Meter, Inc.
Balzers
Big Three Industries

VALVES

WATER PURIFICATION AND TREATMENT EQUIPMENT

The Boc Group, Inc.
Chrompack International B.V.
Circle Seal Controls
The Duriron Co., Inc.
Dynamab Corp.
Eugene Ernst Products Co.
Fisher Controls International, Inc.
Granville-Phillips Co.
Grinnell Supply Sales Co.
Hayward Industrial Products
Hoke Incorporated
Honeywell, Inc., Industrial Controls Div.
Jamesbury Corp.
Matheson Gas Products
M G Industries
Nupro Co.
Parker-Hannifin Corp., Brass Products Div.
Parker-Hannifin Corp., Instrumentation Valve Div.
Scientific Systems, Inc.
Scott Specialty Gases
Sno-Trik Co.
Supelco, Inc.
T & S Brass & Bronze Works, Inc.
Union Carbide Corp.
Universal Scientific, Inc.
Valcor Engineering Corp.
Veriflo Corp.
VICI Metronics, Inc., Condyne Div.
Victaulic Company of America
Whitely Co.

solenoid controlled diaphragm

The Anspec Co., Inc.
Automatic Switch Co.
Balzers
Circle Seal Controls
G. W. Dahl Co., Inc.
Edwards High Vacuum, Inc.
Fluorocarbon Co.
Galtek Corp.
Hayward Industrial Products
Leybold-Heraeus Vacuum Products, Inc.
M G Industries
Norton Co. (Mass.)
Norton Performance Plastics
Pharmacia, Inc.
Valcor Engineering Corp.

vacuum

Aldrich Chemical Co., Inc.
ANACON
Andonian Cryogenics, Inc.
Automatic Switch Co.
Badger Meter, Inc.
Balzers
The Boc Group, Inc.
Circle Seal Controls
Crosby Valve & Gage Co.
CVC Products, Inc.
Datametrics
Denton Vacuum, Inc.
The Duriron Co., Inc.
Edwards High Vacuum, Inc.
Fisher Controls International, Inc.
Fluorocarbon Co.
FTS Systems, Inc.
Gilmont Instruments, Inc.
Granville-Phillips Co.
Grinnell Supply Sales Co.
High Vacuum Equipment Corp.
Hoke Incorporated
Honeywell, Inc., Industrial Controls Div.
Jamesbury Corp.
J&S Scientific, Inc.
Kinney Vacuum Co.
Kontes
Lab Glass, Inc.
Leybold-Heraeus Vacuum Products, Inc.
Matheson Gas Products
MKS Instruments, Inc.
National Electrostatics Corp.
Nupro Co.
Perkin-Elmer Vacuum Products
Reliance Glass Works, Inc.
Scientific Glass Engineering, Inc.
Stokes, Div. of Pennwalt Corp.
T & S Brass & Bronze Works, Inc.
Thermionics Laboratory, Inc.
Valcor Engineering Corp.
Varian Associates, Inc., Vacuum Products Div.

Veeco Instruments, Inc.

VAPOR PRESSURE APPARATUS - see petroleum testing equipment

VARISTERS

General Electric Co.

VIBRATING SCREENS

Brinkmann Instruments, Inc.
Eriez Magnetics
FMC Corp., Material Handling Equipment Div.
Gilson Co., Inc.
Multi-Metal Wire Cloth Inc.
Newark Wire Cloth Co.
Sepor, Inc.
Wire Cloth Manufacturers, Inc.

VIBRATION ISOLATION EQUIPMENT

Bel-Art Products
Ealing Electro Optics, Inc.
Eberbach Corp.
Kinetic Systems, Inc.
Mechanical Technology, Inc.
National Electrostatics Corp.
Newport Corp.
Nikon, Inc.
Oriel Corp.
Spindler & Hoyer, Inc.

VIBRATION TESTING EQUIPMENT

B-M-A, Inc.
Epic, Inc.
General Electric Co.
Hewlett-Packard Co.
Kaman Instrumentation Corp.
Mechanical Technology, Inc.
Schaeffler Engineering

VIBRATORS

Alltech Associates/Applied Science
Eriez Magnetics
FMC Corp., Material Handling Equipment Div.
Supelco, Inc.

VISCOMETERS - see also petroleum testing equipment

Ace Glass, Inc.
Automation Products, Inc.
Bico, Inc.
Boedel Industries, Inc.
Bohlin Reologi AB
C. W. Brabender Instruments, Inc.
Brinkmann Instruments, Inc.
Brookfield Engineering Labs., Inc.
R. P. Cargille Labs., Inc.
Core Laboratories
Extex Instruments
Ferranti Electric, Inc.
Fisher Scientific Co.
Gallenkamp
Paul Gardner Co., Inc.
Gilmont Instruments, Inc.
Haake Buchler Instruments, Inc.
G. K. Heller Corp.
Kayeness, Inc.
Kimble Div.
Koehler Instrument Co., Inc.
Lab Glass, Inc.
Lab-Line Instruments, Inc.
National Instrument Co., Inc.
Norcross Corp.
Pacific Scientific
Pen Kem, Inc.
Precision Scientific, Inc.
Prolabo
Rheometrics, Inc.
Ruska Instrument Corp.
Sargent-Welch Scientific Co.
Schott America
SGA Scientific Inc.
Shimadzu Scientific Instruments, Inc.
Tannas Co.
Tekmar Co.
Testing Machines, Inc.
Theta Industries, Inc.
Thomas Scientific
UIC, Inc.
United States Testing Co., Inc.
Wescan Instruments, Inc.
Wilkins-Anderson Co.

VISCOSITY BATHS - see petroleum testing equipment, baths

VOLTAGE CONVERTERS

Anadex, Inc.
Analog Devices, Inc.
Bertan Associates, Inc.
Del Electronics Corp.
John Fluke Mfg. Co., Inc.
General Electric Co.
Hewlett-Packard Co.
Nuclide Corp.
Teledyne Philbrick

VOLTAGE DIVIDERS

Bertan Associates, Inc.
Del Electronics Corp.
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
Hipotronics, Inc.
Leeds & Northrup Instruments
Nuclear Associates
Nuclide Corp.

VOLTAGE REFERENCE SOURCES, variable

Amber Science, Inc.
Analog Devices, Inc.
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
Keithley Instruments, Inc.
Leeds & Northrup Instruments
Linseis, Inc.
United Technical Corp.

VOLTMETERS, AC

analog
Amprobe Instrument
B&K-Precision/Dynascan Corp.
Bristol Babcock Inc.
Dranetz Technologies, Inc.
Esterline Angus Instrument Corp.
Hewlett-Packard Co.
The Hickok Electrical Instrument Co.
LFE Corp., Instrument Div.
Nuclide Corp.
Philips Export B.V.
Racal-Dana Instruments, Inc.
Rustrak Instruments
Sargent-Welch Scientific Co.
differential
Dranetz Technologies, Inc.
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
LFE Corp., Instrument Div.
Nuclide Corp.
Philips Export B.V.
Racal-Dana Instruments, Inc.

digital
Amprobe Instrument
Anadex, Inc.
Analog Devices, Inc.
B&K-Precision/Dynascan Corp.
Dowdy RFL Industries, Inc.
Dranetz Technologies, Inc.
Esterline Angus Instrument Corp.
John Fluke Mfg. Co., Inc.
Keithley Instruments, Inc.
LFE Corp., Instrument Div.
Marconi Instruments
Omega Engineering, Inc.
Philips Export B.V.
Racal-Dana Instruments, Inc.
Rustrak Instruments
SETARAM
Tektronix, Inc.
Thomas Scientific

VOLTMETERS, DC

analog
Amprobe Instrument
B&K-Precision/Dynascan Corp.
Dranetz Technologies, Inc.
Eco Instruments
Esterline Angus Instrument Corp.
Hewlett-Packard Co.
The Hickok Electrical Instrument Co.
Keithley Instruments, Inc.
LFE Corp., Instrument Div.

Marconi Instruments
Monroe Electronics, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Omega Engineering, Inc.
Philips Export B.V.
Racal-Dana Instruments, Inc.
Sargent-Welch Scientific Co.

differential

Anadex, Inc.
Doric Scientific
Dranetz Technologies, Inc.
Eco Instruments
John Fluke Mfg. Co., Inc.
Hewlett-Packard Co.
Keithley Instruments, Inc.
LFE Corp., Instrument Div.
Nuclide Corp.
Nuclide Corp., AGV Div.
Philips Export B.V.

digital

Amprobe Instrument
Anadex, Inc.
Analog Devices, Inc.
B&K-Precision/Dynascan Corp.
Doric Scientific
Dranetz Technologies, Inc.
Eco Instruments
Esterline Angus Instrument Corp.
John Fluke Mfg. Co., Inc.
Keithley Instruments, Inc.
LFE Corp., Instrument Div.
Marconi Instruments
Nuclide Corp.
Nuclide Corp., AGV Div.
Omega Engineering, Inc.
Philips Export B.V.
Precision Digital Corp.
Racal-Dana Instruments, Inc.
SETARAM
Tektronix, Inc.
Thomas Scientific
TSI, Inc.

WARBURG APPARATUS AND ACCESSORIES - see also blood testing equipment

Warburg manometer calibrator

Gilmont Instruments, Inc.

Warburg manometers

B. Braun Instruments
Gilmont Instruments, Inc.
Lab Glass, Inc.
Scientific Glass & Instruments, Inc.
SGA Scientific Inc.
Tech Glass Co., Inc.
Thomas Scientific

Warburg respiration measuring equipment

B. Braun Instruments
Gilmont Medical Electronics, Inc.
Hach Co.
Thomas Scientific
Yellow Springs Instrument Co., Inc.

WASHERS, laboratory, automatic

AMSCO/American Sterilizer Co.
Boedel Industries, Inc.
Consolidated Equipment Supply Corp.
Fisher Scientific Co.
Forma Scientific
Hatch Corp.
Labconco Corp.
Napco
Tekmar Co.
Thomas Scientific
Wilkins-Anderson Co.

WASHING EQUIPMENT - see cleaning equipment

WATER CHILLERS

Balzers
Bay Voltex Corp.
Blue M

Capitol Temptronic Corp.
Forma Scientific
FTS Systems, Inc.
Haake Buchler Instruments, Inc.
Harris Mfg. Co., Inc.
Lauda
Neslab Instruments, Inc.
Polaron Instruments, Inc.
PolyScience Corp.
Precision Scientific, Inc.
Structure Probe, Inc.
Vista Scientific Corp.
Yamato USA, Inc.

WATER MONITORING EQUIPMENT AND SUPPLIES

Alpkem Corp.
American Sigma
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Analytical Measurements, Inc.
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Branchemco, Inc.
Cambridge Scientific Industries
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Chemtrix, Inc.
Climet Instruments Co.
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Culligan International Co.
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Dohrmann
The Duriron Co., Inc.
Eberline Instrument Corp.
EG&G Princeton Applied Research
Carlo Erba Strumentazione S.p.A.
ESA, Inc.
Extex Instruments
FIATron Laboratory Systems
Finnigan MAT
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Technicon Industrial Systems
Tekmar Co.
Tracor Instruments
Wallace & Tiernan
Wescor, Inc.
Whatman Inc.
Wheaton Scientific
Wyatt Technology Corp.
Yellow Springs Instrument Co., Inc.

WATER PURIFICATION AND TREATMENT EQUIPMENT

Alsop Engineering Co.
American Ultraviolet Co.
AMSCO/American Sterilizer Co.
Analytical Measurements, Inc.
H. E. Anderson Co.

4

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VALVE TYPES	STEM	ORIFICE		MAX. C _v	MAX. PRES.	MAX. TEMP.	STD. ① PACKING	STD. ② MTL.	END CONN.	SIZE RANGE	PATTERNS
		in.	mm								
 FORGED BODY	Vee Regulating Soft Tip	.080 .172 .250 .375	2.0 4.4 6.4 9.5	.09 .37 .73 1.80	3000 PSI 20600 kPa	450°F 232°C	TFE	316 SS Brass Steel	Male & Female NPT SWAGELOK	1/8"-3/4"	Straight Angle Cross
 TOGGLE ③ OPERATED	Soft Tip	.080 .125 .250	2.0 3.2 6.4	.11 .20 .70	300 PSI 2050 kPa	200°F 93°C	Viton O-Ring Below Spring	316 SS Brass Steel	Male & Female NPT SWAGELOK	1/8"-1/2"	Straight Angle Cross
 SCREWED BONNET	Vee Regulating	.093 .200 .312	2.4 5.1 7.9	.15 .51 1.20	3000 PSI 20600 kPa	450°F 232°C	TFE	316 SS Brass	Female NPT SWAGELOK	1/8"-1/2"	Straight Angle
 UNION BONNET	Vee Regulating Soft Tip	.156 .250 .312	4.0 6.4 7.9	.37 .85 1.40	5000 PSI 34400 kPa	450°F 232°C	TFE	316 SS	Female NPT Weld SWAGELOK	1/8"-1/2"	Straight Angle
 SEVERE ③ SERVICE UNION BONNET	Non Rotating Ball All Met. Reg. Soft Tip Soft Tip Reg.	.156 .250 .437	4.0 6.4 11.1	.35 .86 2.20	10000 PSI 68900 kPa	450°F 232°C	TFE Below Stem Threads	316 SS	Female NPT Weld SWAGELOK Male NPT	1/8"-1"	Straight Angle
 PLUG	Non Rotating Plug	.187 .250	4.8 6.4	.63 1.80	6000 PSI 41300 kPa	250°F 121°C	Viton O-Ring Below Stem Threads	316 SS	Male to Female & Female NPT	1/4"-3/4"	Straight
 INTEGRAL BONNET BAR STOCK	Vee	.125 .250	3.2 6.4	.21 .73	6000 PSI 41300 kPa	450°F 232°C	TFE	316 SS Steel	Male to Female & Female NPT	1/4"-1/2"	Straight Angle
 CYLINDER	Soft Tip	.093 .156 .218	2.4 4.0 5.6	.12 .27 .53	3000 PSI 20600 kPa	200°F 93°C	Viton O-Ring Below Stem Threads	316 SS Brass	Male & Female NPT SWAGELOK	1/8"-3/8"	Straight Angle Rupture Disc Model
 MULTI- SERVICE BALL	Trunnion Ball	.187	4.8	1.6	6000 PSI 41300 kPa	450°F 232°C	Kel-F TFE	316 SS	Female NPT SWAGELOK	1/8"-1/2"	Straight 3-Way
 BALL ③	Ball	.093 .125 .187 .281 .406	2.4 3.2 4.8 7.1 10.3	.20 .60 2.40 6.00 12.00	3000 PSI 20600 kPa	150°F 66°C	TFE	316 SS Brass	Female NPT SWAGELOK VCR	1/8"-3/4"	Straight Angle 3-Way
 MULTI-PORT BALL ③	Ball	.062	1.6	.08 .07	2500 PSI 17200 kPa	150°F 66°C	TFE	316 SS Brass	Female NPT	1/8"	4-Way 5-Way
 SWING-OUT ③ BALL	Ball	.281 .516 .875 1.250 1.500	7.1 13.1 22.2 31.8 38.1	3.8 15. 42. 100. 130.	3600 PSI 24800 kPa	450°F 232°C	TFE with TFE Seat Viton O-Ring Flange Seal	316 SS Brass	Female NPT Weld SWAGELOK	1/4"-2"	Straight
 LIFT CHECK	Plug	.156 .250 .437	4.0 6.4 11.1	.30 .74 2.20	6000 PSI 41300 kPa	900°F 482°C	All Metal	316 SS	Female NPT SWAGELOK Weld	1/8"-3/4"	Straight
 METERING	Metering	.062 .020	1.6 0.5	.04 .007	5000 PSI 34400 kPa	450°F 232°C	TFE w/Knob Handle Viton O-Ring w/Micrometer Handle	316 SS Brass	Female NPT SWAGELOK	1/8"-1/4"	Straight Angle

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150cc	304L	1/4" FNPT	3E-1800
300cc	304L	1/4" FNPT	3E-1800
500cc	304L	1/4" FNPT	3E-1800
1000cc	304L	1/4" FNPT	3A-1800
1 Gal.	304L	1/2" FNPT	3A-1800

① Higher temperature packings available.

② Other alloy valves available.

③ Air actuated models available. Consult your local Authorized Sales & Service Representative.

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Continental Water Systems Corp.
Corning Glass Works
Crystalab, Inc.
Culligan International Co.
D.R. Technology, Inc.
The Durlon Co., Inc.
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General Electric Co.
Hydro Service & Supplies, Inc.
Hytrex Filters Div.
Illinois Water Treatment Co.
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Kernco Instruments Co., Inc.
Kruger & Eckels, Inc.
Labconco Corp.
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Liquid Metronics, Inc.
Medro Systems, Inc.
Millipore Corp.
Mixing Equipment Co., Inc.
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Nuclepore Corp.
Osmo Membrane Systems Div.
PCI Ozone Corp.
The Permutit Co., Inc.
Pierce Chemical Co.
Polybac Corp.
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Sepor, Inc.
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Wallace & Tiernan
Welsbach Ozone Systems
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WATER STILLS

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Gilmont Instruments, Inc.
Kontes
New York Laboratory Supply Co., Inc.
Osmo Membrane Systems Div.
Precision Scientific, Inc.
Quartz Products Corp.
Scientific Glass & Instruments, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
Wheaton Scientific
Wilkins-Anderson Co.
Yamato USA, Inc.

WEIGHT CHECKERS

Brinkmann Instruments, Inc.

Sciencetech, Inc.
Technicon Industrial Systems
Thomas Scientific
Toledo Scale
Toledo Scale/Reliance Electric

WELDERS AND EQUIPMENT, HIGH PRECISION

electron beam
M G Industries
Nuclide Corp.
Nuclide Corp., AGV Div.

ion
Nuclide Corp.
Nuclide Corp., AGV Div.

laser
Benchmark Industries, Inc.
Coherent, Inc.
M G Industries
Nuclide Corp.
Nuclide Corp., AGV Div.

ultrasonic
Branson Ultrasonics Corp.

wire welding
Benchmark Industries, Inc.
The Boc Group, Inc.
Johnson Matthey, Inc.
M G Industries
Solder Absorbing Technology, Inc.

WHEATSTONE BRIDGE

Biddle Instruments
Epic, Inc.
Leeds & Northrup Instruments
Philips Export B.V.
Sargent-Welch Scientific Co.
Herman H. Sticht Co., Inc.

WIRE (including thermocouple, precious metal, resistance)

Aldrich Chemical Co., Inc.
Alfa Products
Alnor Instrument Co.
Bailey Controls Co.
The Boc Group, Inc.
Carpenter Technology Corp.
Chromalox
Electrothermal, Inc.
Engelhard Corp.
General Electric Co.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
Honeywell, Inc., Industrial Controls Div.
Johnson Matthey, Inc.
Lake Shore Cryotronics, Inc.
Leeds & Northrup Instruments
NRC, Inc.
Omega Engineering, Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
The Pyrometer Instrument Co., Inc.
Reactor Experiments, Inc.
Structure Probe, Inc.
Temp-Pro, Inc.

Thermo Electric Co., Inc.
Thomas Scientific

WIRE, superconducting

The Boc Group, Inc.
Goodfellow Metals Cambridge, Ltd.
Johnson Matthey, Inc.
Supercon Inc.

WIRE CLOTH, MESH, SCREEN, AND GAUZE

American Scientific Products
Boekel Industries, Inc.
Engelhard Corp.
Johnson Matthey, Inc.
Multi-Metal Wire Cloth Inc.
Newark Wire Cloth Co.
Sepor, Inc.
Thomas Scientific
Wire Cloth Manufacturers, Inc.

X-RAY COUNTING SYSTEMS

Canberra Industries, Inc.
Dosimeter Corp.
EDAX International, Inc.
Enraf-Nonius
General Electric Co.
Globotech Corp.
Harshaw/Filtrol
Keithley Instruments, Inc.
Kevex Corp.
LND, Inc.
Mech-Tronics Nuclear
Molecular Structure Corp.
Nuclear Data, Inc.
Nuclear Research Corp.
Philips Electronic Instruments, Inc.
Princeton Gamma Tech
Rigaku/USA, Inc.
Tennelec, Inc.
Tracor Northern, Inc.

X-RAY DENSITOMETERS

Enraf-Nonius
Keithley Instruments, Inc.
Macbeth
Nuclear Associates
The Ohmart Corp.

X-RAY DIFFRACTION ACCESSORIES

Angstrom, Inc.
Canberra Industries, Inc.
Chemplex Industries, Inc.
Enraf-Nonius
Globotech Corp.
Interactive Radiation, Inc.
Janos Technology Inc.
McCrone Accessories & Components
Molecular Structure Corp.
Nuclear Associates
Philips Export B.V.
Philips Electronic Instruments, Inc.
Pye Unicam Ltd.
Quartz Products Corp.
Rigaku/USA, Inc.
Siemens Energy & Automation, Inc.
Somar International, Inc.
Structure Probe, Inc.
Tennelec, Inc.

X-RAY DIFFRACTION CAMERAS - see also cameras, x-ray

Enraf-Nonius
General Electric Co.
Globotech Corp.
Molecular Structure Corp.
Philips Export B.V.
Philips Electronic Instruments, Inc.
Pye Unicam Ltd.
Rigaku/USA, Inc.
Siemens Energy & Automation, Inc.
Theta Industries, Inc.

X-RAY DIFFRACTOMETERS

Andonian Cryogenics, Inc.
Dapple Systems
Enraf-Nonius
General Electric Co.
Globotech Corp.
Molecular Structure Corp.
Philips Export B.V.
Philips Electronic Instruments, Inc.
Pye Unicam Ltd.
Rigaku/USA, Inc.
Shimadzu Corp.
Siemens Energy & Automation, Inc.

X-RAY DISKS

Chemplex Industries, Inc.
Fish-Schurman Corp.
Janos Technology Inc.
NRC, Inc.
Somar International, Inc.

X-RAY EQUIPMENT (except tubes) - see also spectrometers, x-ray

AMRAY, Inc.
Applied Research Laboratories (ARL)
Canberra Industries, Inc.
Chemplex Industries, Inc.
Cianflone Scientific Instruments Corp.
Dapple Systems
Dohrmann
EDAX International, Inc.
Globotech Corp.
Janos Technology Inc.
Kevex Corp.
Keyan Industries, Inc.
Magnaflux Corp.
Nuclear Associates
Nuclear Research Corp.
Outokumpu Electronics
Philips Export B.V.
Philips Electronic Instruments, Inc.
Princeton Gamma Tech
Quartz Products Corp.
Rank Precision Industries, Inc.
Reactor Experiments, Inc.
Rigaku/USA, Inc.
SAS Pharmaceuticals, Ltd.
Shimadzu Corp.
Siemens Energy & Automation, Inc.
Somar International, Inc.
Spectronics Corp.
Tousimis
Tracor Northern, Inc.

X-RAY FILM - see film, x-ray

X-RAY FLUORESCENCE

Applied Research Laboratories (ARL)
ASOMA Instruments, Inc.
Canberra Industries, Inc.
Chemplex Industries, Inc.
Cianflone Scientific Instruments Corp.
Columbia Scientific Industries Corp.
Dapple Systems
Dohrmann
EDAX International, Inc.
Fish-Schurman Corp.
Globotech Corp.
Horiba Instruments, Inc.
Kevex Corp.
Link Analytical, Inc.
New England Nuclear
Nuclear Sources & Services, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Outokumpu Electronics
Panametrics, Inc.
Philips Export B.V.
Philips Electronic Instruments, Inc.
Princeton Gamma Tech
Pye Unicam Ltd.
Rigaku/USA, Inc.
Siemens Energy & Automation, Inc.
Somar International, Inc.
Spex Industries, Inc.
Texas Nuclear

X-RAY IMAGE INTENSIFIERS

EIMAC
Fish-Schurman Corp.
Hamamatsu Corp.
Karl Heitz, Inc.
Marco Scientific, Inc.
Surface Science Instruments

X-RAY SOURCES, monochromatic - see also generators, x-ray

Applied Research Laboratories (ARL)
Enraf-Nonius
General Electric Co.
ICN Biomedicals
Kevex Corp.
Leybold-Heraeus Vacuum Products, Inc.
Magnaflux Corp.
Marco Scientific, Inc.
Molecular Structure Corp.
New England Nuclear
Nuclear Sources & Services, Inc.
Philips Export B.V.
Philips Electronic Instruments, Inc.
Pye Unicam Ltd.
Rigaku/USA, Inc.
SAS Pharmaceuticals, Ltd.
Surface Science Instruments
Union Carbide Corp., Carbon Products Div.

ZONE REFINERS - see refiners, zone

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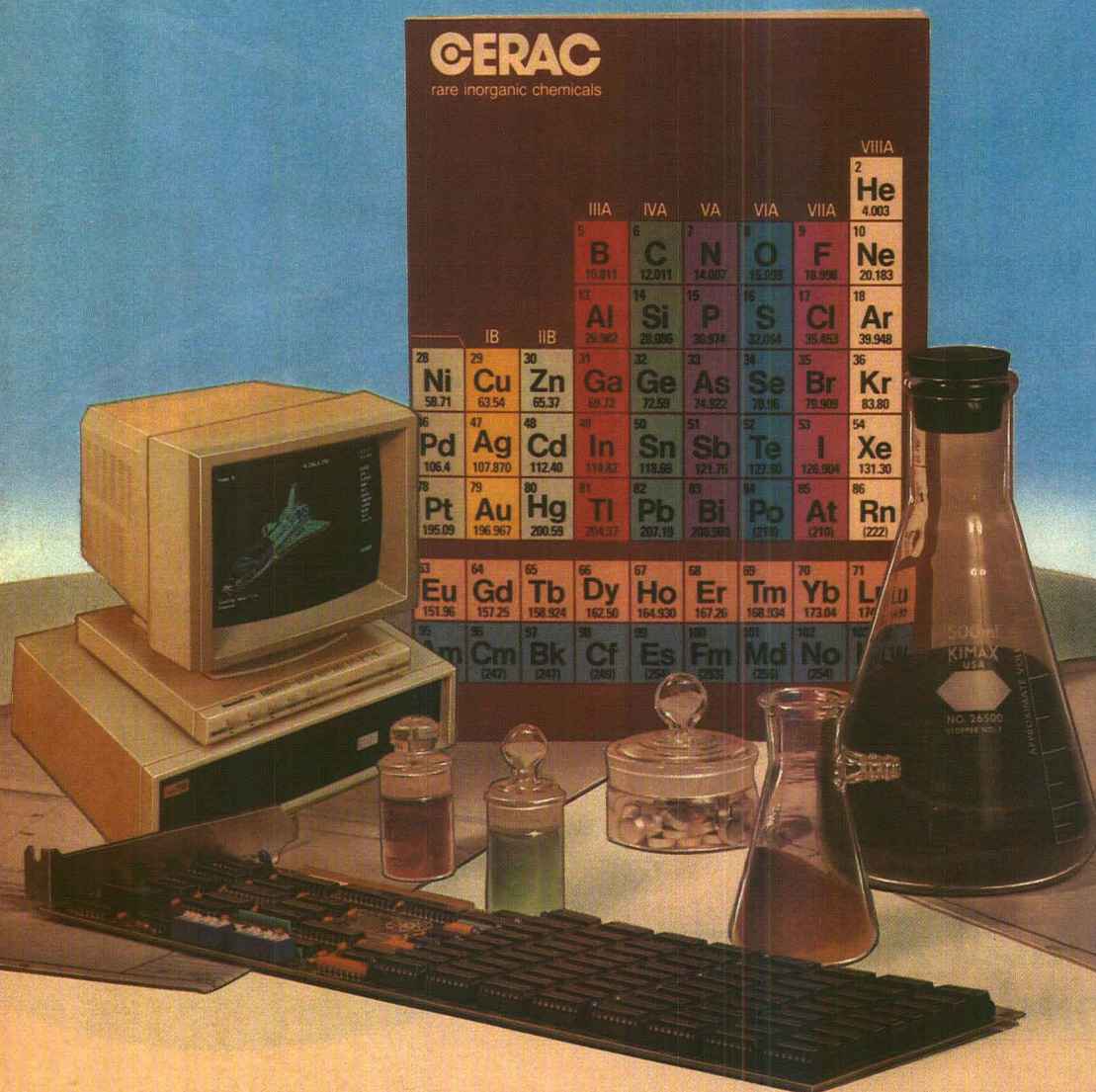
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CIRCLE 52 ON READER SERVICE CARD

Laboratory Chemicals



Each category is followed by an alphabetical list of manufacturers.
Addresses and telephone numbers of manufacturers are listed in the Company Directory, Section 10, of the LabGuide.

ABSORBENTS

chromatography

ABI Analytical/Kratos Div.
Aldrich Chemical Co., Inc.
Alltech Associates/Applied Science
AMF Laboratory Products
Amicon
Analtech, Inc.
Analytichem International
The Anspec Co., Inc.
Antek Instruments, Inc.
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J. T. Baker Chemical Co.
Barnebey-Cheney
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Beckman Instruments, Inc.
Benson Polymeric
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Big Three Industries
Bio-Rad Laboratories
Brinkmann Instruments, Inc.
Buck Scientific, Inc.
Calbiochem
Biochemicals/Behring Diagnostics
Cel/Milton Roy
Chemical Dynamics Corp.
Chemical Research Supplies
Chemtrix, Inc.
Chrompack, Inc.
Chrompack International B.V.
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
EM Science
ES Industries
Fisher Scientific Co.
Floridin Co.
Fluka Chemical Corp.
Foxboro Analabs
General Drug & Chemical Corp.
W. R. Grace & Co.
Hamilton Co.
W. A. Hammond Drierite Co.
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HPLC Technology, Ltd.
Interaction Chemicals, Inc.
J&S Scientific, Inc.
LabClear
Lachat Chemicals, Inc.
LC Services Corp.
LKB Instruments, Inc.
Mallinckrodt, Inc.
Manville
Milton Roy Co., LDC Div.
Noah Chemical
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Phenomenex
Polymer Laboratories, Inc.
Polysciences, Inc.
Prolabo
Rainin Instrument Co., Inc.
Regis Chemical
Schwarz/Mann
The Separations Group
Separations Technology
Sigma Chemical Co.
Spectrum Scientific
Supelco, Inc.
Ultra-Scientific
Universal Scientific, Inc.
Varian Instrument Group
Wako Chemicals USA, Inc.
Waters Chromatography
Wescan Instruments, Inc.
Whatman Inc.

Wilmad Glass Co., Inc.
YMC, Inc.

electrophoresis

AMF Laboratory Products
J. T. Baker Chemical Co.
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring Diagnostics
E-C Apparatus Corp.
EM Science
Fluka Chemical Corp.
Helena Laboratories, Inc.
Hofer Scientific Instruments
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Noah Chemical
Pharmacia, Inc.
Polysciences, Inc.
Schwarz/Mann
Sigma Chemical Co.
Wako Chemicals USA, Inc.

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Barnebey-Cheney
Big Three Industries
Bio-Rad Laboratories
Cel/Milton Roy
Chemtrix, Inc.
Cole-Parmer Instrument Co.
Culligan International Co.
EM Science
Engelhard Corp.
Filtron Technology Corp.
Fisher Scientific Co.
Floridin Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
LabClear
Manville
Noah Chemical
Prolabo
Sartorius Filters, Inc.
Serfilco, Ltd.
Sigma Chemical Co.
Wako Chemicals USA, Inc.

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Alfa Products
Alltech Associates/Applied Science
Alphagaz Specialty Gases
American Scientific Products
The Anspec Co., Inc.
J. T. Baker Chemical Co.
Balston, Inc.
Barnebey-Cheney
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Chrompack, Inc.
Chrompack International B.V.
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Independent Equipment Corp. (NJ)
J&S Scientific, Inc.
Matheson Gas Products
Milton Roy Co., LDC Div.
Phase Separations, Inc.
Prolabo
Regis Chemical
Scott Specialty Gases

Thomas Scientific
Ultra-Scientific
Universal Scientific, Inc.
Wako Chemicals USA, Inc.

ACIDS AND BASES

Inorganic

Aldrich Chemical Co., Inc.
Alfa Products
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AMRESCO
Anachemia Chemicals, Inc.
Analytical Products Group, Inc.
Anderson Laboratories, Inc.
The Anspec Co., Inc.
Ashland Chemical Co.
Atomerger Chemetals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Caledon Laboratories, Ltd.
Chemical Dynamics Corp.
Chem Service, Inc.
Columbia Organic Chemical Co., Inc.
Columbus Chemical Industries, Inc.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
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Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
FMC Corp., Chemical Products Group
General Drug & Chemical Corp.
Hach Co.
Heico Chemicals Div.
LaMotte Chemical Products Co.
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Merck Sharp & Dohme/Isotopes
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Ozark-Mahoning Co.
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Pfaltz & Bauer, Inc.
Prolabo
Sargent-Welch Scientific Co.
Seastar Chemicals
Solutions Plus, Inc.
Strem Chemicals, Inc.
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Fisher Scientific Co.
Fluka Chemical Corp.
FMC Corp., Chemical Products Group
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Heico Chemicals Div.
LaMotte Chemical Products Co.
Mallinckrodt, Inc.
Merck Sharp & Dohme/Isotopes
Orbco Analytical Systems, Inc.
Ozark-Mahoning Co.
Pennwalt Corp., Inorganic & Organic Chemicals Div.
Pfaltz & Bauer, Inc.
Prolabo
Sargent-Welch Scientific Co.
Seastar Chemicals
Solutions Plus, Inc.
Strem Chemicals, Inc.
Tecator, Inc.
Tousimis
VWR Scientific
Wako Chemicals USA, Inc.

organic

Aldrich Chemical Co., Inc.
Alfa Products
Allied-Signal, Inc.
Alpkem Corp.
AMRESCO
Anachemia Chemicals, Inc.
The Anspec Co., Inc.
Applied Biosystems, Inc.
Ashland Chemical Co.
Atomerger Chemetals Corp.
J. T. Baker Chemical Co.
Calbiochem
Biochemicals/Behring Diagnostics
Caledon Laboratories, Ltd.
Chemical Dynamics Corp.
Chem Service, Inc.
Columbia Organic Chemical Co., Inc.
Crescent Chemical Co., Inc.
E. I. duPont de Nemours & Co., Inc.

Eastern Chemical
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
FMC Corp., Chemical Products Group
General Drug & Chemical Corp.
Hach Co.
Heico Chemicals Div.
Hilton-Davis Chemical Co.
ICN Biomedicals
Karl Industries, Inc.
King's Laboratory, Inc.
Mallinckrodt, Inc.
Merck Sharp & Dohme/Isotopes
Noah Chemical
Orbco Analytical Systems, Inc.
Pennwalt Corp., Inorganic & Organic Chemicals Div.
Pfaltz & Bauer, Inc.
PMC Specialties Group, Inc.
Polysciences, Inc.
Prolabo
Sargent-Welch Scientific Co.
SAS Pharmaceuticals, Ltd.
Sigma Chemical Co.
Wako Chemicals USA, Inc.

ADSORBENTS

ABI Analytical/Kratos Div.
Alltech Associates/Applied Science
Analytichem International
Atomerger Chemetals Corp.
J. T. Baker Chemical Co.
Barnebey-Cheney
Beckman Instruments, Inc.
Bio-Rad Laboratories
Crescent Chemical Co., Inc.
EM Science
Engelhard Corp.
Floridin Co.
Foxboro Analabs
FSA Laboratory Supplies
General Drug & Chemical Corp.
W. R. Grace & Co.
ICN Biomedicals
Independent Equipment Corp. (NJ)
Interaction Chemicals, Inc.
Mallinckrodt, Inc.
Milton Roy Co., LDC Div.
Pharmacia, Inc.
Schwarz/Mann
Sigma Chemical Co.
Spectrum Medical Industries, Inc.
Union Carbide Corp., Linde Div.
Universal Scientific, Inc.
Whatman Inc.

AEROSOLS

Allied-Signal, Inc.
Crescent Chemical Co., Inc.
E. I. duPont de Nemours & Co., Inc.

AGRICULTURAL ANALYSIS

Bio-Rad Laboratories
Chem Service, Inc.
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
EM Science
General Drug & Chemical Corp.
Hach Co.
LaMotte Chemical Products Co.
Mallinckrodt, Inc.
National Bureau of Standards
Orbco Analytical Systems, Inc.

Tecator, Inc.
Thornton Laboratories, Inc.
Wako Chemicals USA, Inc.

ALLOYS - see also metals

magnetic

Carpenter Technology Corp.
Crescent Chemical Co., Inc.
Engelhard Corp.
Goodfellow Metals Cambridge, Ltd.
Materials Research Corp.
Noah Chemical
Reade Metals & Minerals Corp.

precious

Aldrich Chemical Co., Inc.
Alfa Products
Atomerger Chemetals Corp.
Chemical Dynamics Corp.
Crescent Chemical Co., Inc.
Engelhard Corp.
Goodfellow Metals Cambridge, Ltd.
Johnson Matthey, Inc.
Materials Research Corp.
Noah Chemical
Platina Laboratories, Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Reade Metals & Minerals Corp.

AMINO ACIDS

Aldrich Chemical Co., Inc.
Alfa Products
Alltech Associates/Applied Science
AMRESCO
Applied Biosystems, Inc.
Atomerger Chemetals Corp.
J. T. Baker Chemical Co.
Benson Polymeric
Bethesda Research Labs.
Calbiochem
Biochemicals/Behring Diagnostics
Chemical Dynamics Corp.
Chem Service, Inc.
Crescent Chemical Co., Inc.
Difco Laboratories
Eastern Chemical
EM Science
Fluka Chemical Corp.
General Drug & Chemical Corp.
Gibco Labs.
ICN Biomedicals
Incell Corp.
Merck Sharp & Dohme/Isotopes
National Bureau of Standards
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Prolabo
Regis Chemical
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
Stohler/KOR Stable Isotopes
United States Biochemical Corp.
VariChem, Inc.
Vega Biotechnologies, Inc.
Wako Chemicals USA, Inc.

ANALYTICAL

Alfa Products
Alpkem Corp.
American Burdick and Jackson Labs.
AMRESCO
Anachemia Chemicals, Inc.
Applied Biosystems, Inc.

Ashland Chemical Co.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Branchchemo, Inc.
Chem Service, Inc.
Core Laboratories
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
Eastern Chemical
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
LaMotte Chemical Products Co.
Mallinckrodt, Inc.
National Bureau of Standards
Noah Chemical
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Pickering Laboratories, Inc.
Prolabo
Reade Metals & Minerals Corp.
Regis Chemical
Sargent-Welch Scientific Co.
SAS Pharmaceuticals, Ltd.
Sigma Chemical Co.
Solutions Plus, Inc.
Supelco, Inc.
Texas Nuclear
Wako Chemicals USA, Inc.

BASES - see acids and bases

BIOCHEMICALS

Aldrich Chemical Co., Inc.
Alfa Products
AMF Laboratory Products
AMRESCO
Anachemia Chemicals, Inc.
Applied Biosystems, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chemtrix, Inc.
Columbus Chemical Industries, Inc.
Corning Glass Works
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
Dionex Corp.
Eastman Kodak Co.
EM Science
Fluka Chemical Corp.
Foxboro Analabs
General Drug & Chemical Corp.
Gibco Labs.
Hofer Scientific Instruments
ICN Biomedicals
Incell Corp.
Johnson Matthey, Inc.
LC Services Corp.
LKB Instruments, Inc.
Mallinckrodt, Inc.
M&T Chemicals Inc.
Merck Sharp & Dohme/Isotopes
Noah Chemical
Pacific Chemical Labs., Inc.
Packard Instrument Co., Inc.
Pfaltz & Bauer, Inc.
Pharmacia, Inc.
Pierce Chemical Co.
Polaron Instruments, Inc.
Polybac Corp.
Polysciences, Inc.
Prolabo
Regis Chemical
Research Products International Corp.
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
Solutions Plus, Inc.
Stohler/KOR Stable Isotopes
United States Biochemical Corp.
Universal Scientific, Inc.
VariChem, Inc.
Vector Laboratories, Inc.
Vega Biotechnologies, Inc.
Wako Chemicals USA, Inc.

BIOLOGICAL GRADE

American Burdick and Jackson Labs.
AMF Laboratory Products
AMRESCO

Applied Biosystems, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Crescent Chemical Co., Inc.
Difco Laboratories
Eastern Chemical
EM Corp.
EM Science
Fluka Chemical Corp.
General Drug & Chemical Corp.
Hofer Scientific Instruments
LKB Instruments, Inc.
Mallinckrodt, Inc.
National Diagnostics, Inc.
Noah Chemical
Pierce Chemical Co.
Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
United States Biochemical Corp.
Wako Chemicals USA, Inc.

BUFFERS - see also pH buffers

Aldrich Chemical Co., Inc.
Alfa Products
Alpkem Corp.
American Scientific Products
AMRESCO
Anachemia Chemicals, Inc.
Analytical Products, Inc.
Anderson Laboratories, Inc.
Angus Chemical Co.
Applied Biosystems, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Benson Polymeric
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chemtrix, Inc.
Columbus Chemical Industries, Inc.
Corning Glass Works
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
Dionex Corp.
Eastman Kodak Co.
EM Corp.
EM Science
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Gibco Labs.
Great Lakes Instruments, Inc.
Hach Co.
ICN Biomedicals
Isolab, Inc.
LaMotte Chemical Products Co.
LKB Instruments, Inc.
Mallinckrodt, Inc.
Orbeco Analytical Systems, Inc.
Pharmacia, Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
Regis Chemical
Schwarz/Mann
Sigma Chemical Co.
Solutions Plus, Inc.
Thomas Scientific
Tousimis
Tudor Scientific Glass Co.
United States Biochemical Corp.
VWR Scientific
Wako Chemicals USA, Inc.

CALORIMETRY

J. T. Baker Chemical Co.
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
National Bureau of Standards
Parr Instrument Co.

CARBOHYDRATES

Aldrich Chemical Co., Inc.
Alfa Products
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.

Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chem Service, Inc.
Crescent Chemical Co., Inc.
Difco Laboratories
EM Science
Fluka Chemical Corp.
Foxboro Analabs
General Drug & Chemical Corp.
ICN Biomedicals
Merck Sharp & Dohme/Isotopes
Pfaltz & Bauer, Inc.
Pharmacia, Inc.
Pierce Chemical Co.
Prolabo
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
United States Biochemical Corp.
Wako Chemicals USA, Inc.
Waters Chromatography

CATALYSTS

Aldrich Chemical Co., Inc.
Alfa Products
Chemical Dynamics Corp.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Engelhard Corp.
Fluka Chemical Corp.
GFS Chemicals
W. R. Grace & Co.
Johnson Matthey, Inc.
M&T Chemicals Inc.
National Bureau of Standards
Noah Chemical
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Reade Metals & Minerals Corp.
Sigma Chemical Co.
Strem Chemicals, Inc.
Wako Chemicals USA, Inc.

CHELATING AGENTS

Alfa Products
AMRESCO
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Bio-Rad Laboratories
Boehringer Mannheim
Diagnostics, Inc.
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chem Service, Inc.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
ICN Biomedicals
King's Laboratory, Inc.
Mallinckrodt, Inc.
Noah Chemical
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Sigma Chemical Co.
Spectrum Medical Industries, Inc.
Strem Chemicals, Inc.
Wako Chemicals USA, Inc.

CHROMATOGRAPHY

ABI Analytical/Kratos Div.
Aldrich Chemical Co., Inc.
Alltech Associates/Applied Science
American Burdick and Jackson Labs.
AMF Laboratory Products
Anachemia Chemicals, Inc.
Analytichem International
Applied Biosystems, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Benson Polymeric

Bethesda Research Labs.
Bio-Rad Laboratories
Caledon Laboratories, Ltd.
Chemical Dynamics Corp.
Chemical Research Supplies
Chem Service, Inc.
Chrompack International B.V.
Core Laboratories
Crescent Chemical Co., Inc.
Dionex Corp.
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Floridin Co.
Fluka Chemical Corp.
Foxboro Analabs
General Drug & Chemical Corp.
HPLC Technology, Ltd.
Interaction Chemicals, Inc.
J&S Scientific, Inc.
LC Services Corp.
LKB Instruments, Inc.
Mallinckrodt, Inc.
Packard Instrument Co., Inc.
Pharmacia, Inc.
Pickering Laboratories, Inc.
Pierce Chemical Co.
Polysciences, Inc.
Prolabo
Radiomatic Instruments & Chemical Co., Inc.
Regis Chemical
Schwarz/Mann
Sigma Chemical Co.
Supelco, Inc.
Tudor Scientific Glass Co.
Ultra-Scientific
United States Biochemical Corp.
Universal Scientific, Inc.
Varian Instrument Group
Wako Chemicals USA, Inc.
Waters Chromatography
Whatman Inc.

CLINICAL - see also kits, clinical test packs; standards, clinical

Advanced Instruments, Inc.
Alpkem Corp.
AMRESCO
Anachemia Chemicals, Inc.
Anderson Laboratories, Inc.
Atomerig Chemetals Corp.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
Boehringer Mannheim
Diagnostics, Inc.
Calbiochem
Biochemicals/Behring
Diagnostics
Clay Adams
Coulter Electronics, Inc.
Crippen Laboratories, Inc.
Difco Laboratories
EM Science
ESA Laboratories, Inc.
Fisher Scientific Co.
Fluka Chemical Corp.
Isolab, Inc.
LKB Instruments, Inc.
National Bureau of Standards
New England Nuclear
Orbeco Analytical Systems, Inc.
Packard Instrument Co., Inc.
Pierce Chemical Co.
Polysciences, Inc.
Sigma Chemical Co.
Supelco, Inc.
Ultra-Scientific
Universal Scientific, Inc.
Wako Chemicals USA, Inc.

COMBUSTION

Anachemia Chemicals, Inc.
Core Laboratories
EM Science
MultiChem Laboratories, Inc.

COMPOUNDS

deuterium
Airco Special Gases
Aldrich Chemical Co., Inc.
Alfa Products
Alphagaz Specialty Gases
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
The Boc Group, Inc.
Cambridge Isotope Labs.
Chemical Dynamics Corp.

Chemsyn Science Laboratories
Crescent Chemical Co., Inc.
Farmitalia Carlo Erba
Fluka Chemical Corp.
ICN Biomedicals
Icon Services, Inc.
King's Laboratory, Inc.
Liquid Carbonic
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
New England Nuclear
Noah Chemical
Norell, Inc.
Ozark-Mahoning Co.
Pfaltz & Bauer, Inc.
Pressure Chemical Co.
Prolabo
Regis Chemical
Sigma Chemical Co.
Stohler/KOR Stable Isotopes
Strem Chemicals, Inc.
Supelco, Inc.
Wilmad Glass Co., Inc.

high-purity

Air Products & Chemicals, Inc.
Aldrich Chemical Co., Inc.
Alfa Products
Allied-Signal, Inc.
Alltech Associates/Applied Science
AMRESCO
Applied Biosystems, Inc.
Ashland Chemical Co.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Barnebey-Cheney
Bethesda Research Labs.
Cabot Corp.
Calbiochem
Biochemicals/Behring
Diagnostics
Carnegie-Mellon University
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Crescent Chemical Co., Inc.
EM Science
Fluka Chemical Corp.
FMC Corp., Chemical Products Group
Foxboro Analabs
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
D. F. Goldsmith Chemical & Metal Corp.
Hach Co.
Heico Chemicals Div.
ICN Biomedicals
Johnson Matthey, Inc.
Lachat Chemicals, Inc.
LC Services Corp.
Mallinckrodt, Inc.
Materials Research Corp.
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
Molecular Probes, Inc.
Noah Chemical
Optovac
Pfaltz & Bauer, Inc.
Phillips 66 Co.
Pickering Laboratories, Inc.
Platina Laboratories, Inc.
Polysciences, Inc.
Prolabo
Reade Metals & Minerals Corp.
Regis Chemical
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
Spex Industries, Inc.
Strem Chemicals, Inc.
Supelco, Inc.
Ultra-Scientific
United States Biochemical Corp.
Wako Chemicals USA, Inc.
Zeebac Inc.

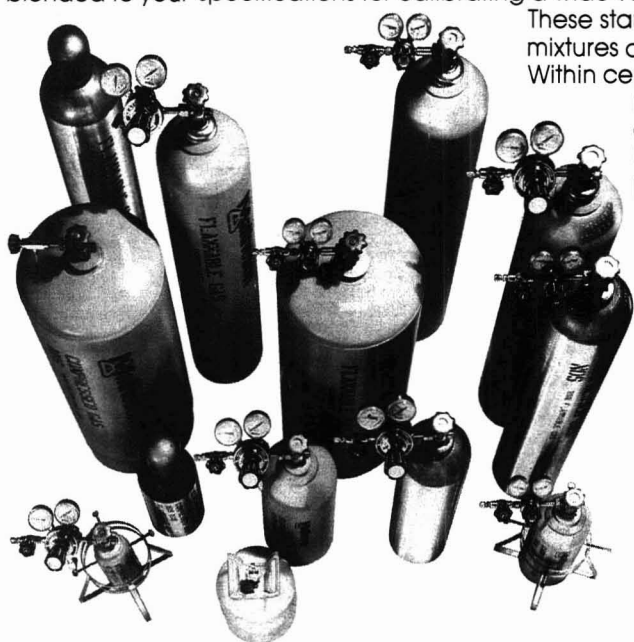
inorganic

Air Products & Chemicals, Inc.
Aldrich Chemical Co., Inc.
Alfa Products
Allied-Signal, Inc.
AMRESCO
Anachemia Chemicals, Inc.
Aremco Products, Inc.
Ashland Chemical Co.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Branchchemo, Inc.
Caledon Laboratories, Ltd.

Matheson... world leader in specialty gases

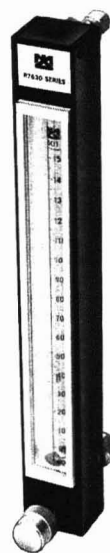
Calibration Gas Mixtures

Matheson supplies an almost infinite variety of calibration gas standards custom blended to your specifications for calibrating a wide variety of analytical instruments. These standards include NBS traceable mixtures and Matheson Primary standards. Within certain limitations virtually any combination of gases at nearly all concentration levels can be prepared to meet your particular requirements.



Flowmeters and Electronic Mass Flow Controllers

For measuring flow rates of fluids and gases, Matheson supplies a wide variety of flowmeters and electronic mass flow controllers. We have rotameters, electronic mass flowmeters and, when precise flow control is also needed, electronic mass flow controllers that maintain steady flowrates under varying pressure and temperature conditions.



Pressure Regulators

Pressure regulators to suit almost every application and gas are available from Matheson. More than 100 standard regulators are offered — plus custom configurations and materials. Typical is our Model 3104 regulator, a high purity, two-stage regulator with stainless steel diaphragm that provides precise pressure regulation regardless of cylinder pressure changes or system flow fluctuations.



Whenever your laboratory needs gases, gas mixtures, or gas handling equipment, think of Matheson.

Matheson®
Gas Products

World Leader in Specialty Gases & Equipment
Secaucus, N.J. 07094



Instrument Carrier Gases

For FID, TCD, ECD, and FPD gas chromatography, AA spectroscopy and other analytical instrument requirements, Matheson supplies high purity carrier gases, fuel gases and zero gases. Matheson can help you select the right gas for your instrument.



More Specialty Gases

Matheson makes available a broad selection of gases in a variety of purities. These are provided in a range of cylinder sizes, so you purchase only the amount of material you need.

COMPOUNDS

ELECTROPHORESIS

Chemical Dynamics Corp.
Chem Service, Inc.
Columbia Organic Chemical Co., Inc.
Crescent Chemical Co., Inc.
Dow Corning Corp.
E. I. duPont de Nemours & Co., Inc.
Eastman Kodak Co.
EM Science
Engelhard Corp.
Fisher Scientific Co.
Fluka Chemical Corp.
FMC Corp., Chemical Products Group
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
Goodfellow Metals Cambridge, Ltd.
Hach Co.
Heico Chemicals Div.
ICN Biomedicals
Mallinckrodt, Inc.
M&T Chemicals Inc.
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
Noah Chemical
Ozark-Mahoning Co.
Pennwalt Corp., Inorganic & Organic Chemicals Div.
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
PMC Specialties Group, Inc.
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Reade Metals & Minerals Corp.
Sargent-Welch Scientific Co.
Sigma Chemical Co.
Solutions Plus, Inc.
Spex Industries, Inc.
Strem Chemicals, Inc.
Thomas Scientific
VWR Scientific
Wako Chemicals USA, Inc.

organic

Aldrich Chemical Co., Inc.
Alfa Products
Allied-Signal, Inc.
AMRESCO
Anachemia Chemicals, Inc.
Angus Chemical Co.
Applied Biosystems, Inc.
Aremco Products, Inc.
Ash Stevens Inc.
Ashland Chemical Co.
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Calbiochem
Biochemicals/Behring
Diagnostics
Caledon Laboratories, Ltd.
Carbolabs
Carnegie-Mellon University
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Columbia Organic Chemical Co., Inc.
Crescent Chemical Co., Inc.
E. I. duPont de Nemours & Co., Inc.
Eastern Chemical
Eastman Kodak Co.
EM Science
Farchan Laboratories, Inc.
Fisher Scientific Co.
Fluka Chemical Corp.
Foxboro Analabs
Frinton Labs.
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Heico Chemicals Div.
Hexcel/Fine Organics
Hilton-Davis Chemical Co.
ICN Biomedicals
Karl Industries, Inc.
King's Laboratory, Inc.
Lachat Chemicals, Inc.
LC Services Corp.
Mallinckrodt, Inc.
M&T Chemicals Inc.
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
Molecular Probes, Inc.
National Diagnostics, Inc.
Noah Chemical

Pacific Chemical Labs., Inc.
Pennwalt Corp., Inorganic & Organic Chemicals Div.
Petrarch Systems
Pfaltz & Bauer, Inc.
Phillips 66 Co.
Pickering Laboratories, Inc.
PMC Specialties Group, Inc.
Polyhedron Laboratories
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Regis Chemical
Research Products International Corp.
Sargent-Welch Scientific Co.
Sigma Chemical Co.
Solutions Plus, Inc.
Specialty Organics, Inc.
Strem Chemicals, Inc.
Supelco, Inc.
Ultra-Scientific
United States Biochemical Corp.
VariChem, Inc.
VWR Scientific
Wako Chemicals USA, Inc.
Wizard Laboratories, Inc.

zone-refined

Aldrich Chemical Co., Inc.
Alfa Products
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Chem Service, Inc.
Foxboro Analabs
Materials Research Corp.
Noah Chemical
Optovac
Polysciences, Inc.
Reade Metals & Minerals Corp.

COMPRESSED GASES - see gases

DERIVATIZING AGENTS

Aldrich Chemical Co., Inc.
Alfa Products
Alltech Associates/Applied Science
American Scientific Products
Applied Biosystems, Inc.
J. T. Baker Chemical Co.
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chemical Research Supplies
Chrompack International B.V.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
Foxboro Analabs
Frinton Labs.
GAF Chemicals Corp.
ICN Biomedicals
J&S Scientific, Inc.
Mallinckrodt, Inc.
Molecular Probes, Inc.
Petrarch Systems
Pfaltz & Bauer, Inc.
Phase Separations, Inc.
Pickering Laboratories, Inc.
Pierce Chemical Co.
Prolabo
Regis Chemical
Sigma Chemical Co.
Silar Labs., Inc.
Supelco, Inc.
Universal Scientific, Inc.
Varian Instrument Group
Wako Chemicals USA, Inc.
Wilma Glass Co., Inc.

DESICCANTS

Aldrich Chemical Co., Inc.
Alfa Products
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Barnebey-Cheney
Cel/Milton Roy
Crescent Chemical Co., Inc.
Difco Laboratories
EM Science
Engelhard Corp.
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
Foxboro Analabs
GFS Chemicals
W. R. Grace & Co.

W. A. Hammond Drierite Co.
Independent Equipment Corp. (NJ)
Mallinckrodt, Inc.
Milton Roy Co., LDC Div.
Pierce Chemical Co.
Prolabo
Research Products International Corp.
Sigma Chemical Co.
Spectrum Medical Industries, Inc.
Supelco, Inc.
Thomas Scientific
VWR Scientific

DYES AND BIOLOGICAL STAINS

Aldrich Chemical Co., Inc.
Alfa Products
AMRESCO
Anderson Laboratories, Inc.
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
BBL Microbiology Systems
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Crescent Chemical Co., Inc.
Difco Laboratories
Eastern Chemical
Eastman Kodak Co.
EM Corp.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Hilton-Davis Chemical Co.
ICN Biomedicals
King's Laboratory, Inc.
LC Services Corp.
LKB Instruments, Inc.
Mallinckrodt, Inc.
Molecular Probes, Inc.
National Diagnostics, Inc.
Noah Chemical
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Pierce Chemical Co.
Polysciences, Inc.
Prolabo
SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
Solutions Plus, Inc.
Tousimis
United States Biochemical Corp.
Vector Laboratories, Inc.
Wako Chemicals USA, Inc.

DYES, fluorescent

Aldrich Chemical Co., Inc.
American Gas & Chemical Co., Ltd.
AMRESCO
Anderson Laboratories, Inc.
Applied Biosystems, Inc.
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
BBL Microbiology Systems
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
Chemsyn Science Laboratories
Coherent, Inc.
Crescent Chemical Co., Inc.
Difco Laboratories
Eastman Kodak Co.
EM Corp.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
Hilton-Davis Chemical Co.
ICN Biomedicals
LC Services Corp.
LKB Instruments, Inc.
Molecular Probes, Inc.
National Diagnostics, Inc.
Noah Chemical
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Regis Chemical

SAS Pharmaceuticals, Ltd.
Schwarz/Mann
Sigma Chemical Co.
United States Biochemical Corp.
UVP, Inc.
Vector Laboratories, Inc.
Wako Chemicals USA, Inc.

ELECTROLYTES

Anderson Laboratories, Inc.
J. T. Baker Chemical Co.
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
Orbeco Analytical Systems, Inc.
Schwarz/Mann
Sigma Chemical Co.

ELEMENTS

high-purity

Aldrich Chemical Co., Inc.
Alfa Products
Alphagaz Specialty Gases
Ashland Chemical Co.
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Barnebey-Cheney
Cabot Corp.
Chemical Dynamics Corp.
Crescent Chemical Co., Inc.
EM Science
Engelhard Corp.
Fluka Chemical Corp.
General Drug & Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
ICN Biomedicals
Icon Services, Inc.
Johnson Matthey, Inc.
Mallinckrodt, Inc.
Materials Research Corp.
Matheson Gas Products
Ney Products, Inc.
Noah Chemical
NRC, Inc.
Orbeco Analytical Systems, Inc.
Osmo Membrane Systems Div.
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Spex Industries, Inc.
Strem Chemicals, Inc.
Tennelec, Inc.
Tousimis
Wako Chemicals USA, Inc.

metals

Aldrich Chemical Co., Inc.
Alfa Products
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Cabot Corp.
Chemical Dynamics Corp.
Crescent Chemical Co., Inc.
EM Science
Engelhard Corp.
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
Icon Services, Inc.
Johnson Matthey, Inc.
Mallinckrodt, Inc.
Materials Research Corp.
National Bureau of Standards
Ney Products, Inc.
Noah Chemical
NRC, Inc.
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Sargent-Welch Scientific Co.
Solutions Plus, Inc.
Spex Industries, Inc.
Strem Chemicals, Inc.
Tousimis
Wako Chemicals USA, Inc.

non-metals

Airco Special Gases
Aldrich Chemical Co., Inc.
Alfa Products
Atomergic Chemicals Corp.
J. T. Baker Chemical Co.
Barnebey-Cheney
The Boc Group, Inc.
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Icon Services, Inc.
Mallinckrodt, Inc.
Materials Research Corp.
Noah Chemical
Norton Co. (Mass.)
Orbeco Analytical Systems, Inc.
Prolabo
Reade Metals & Minerals Corp.
Sargent-Welch Scientific Co.
Spex Industries, Inc.
Strem Chemicals, Inc.
Wako Chemicals USA, Inc.

radioactive

Airco Special Gases
Amersham Corp.
The Boc Group, Inc.
Eberline Instrument Corp.
ICN Biomedicals
3M Co., Static Control Systems
New England Nuclear
Noah Chemical
Nuclear Sources & Services, Inc.
Packard Instrument Co., Inc.
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Research Products International Corp.
Wizard Laboratories, Inc.

rare earth

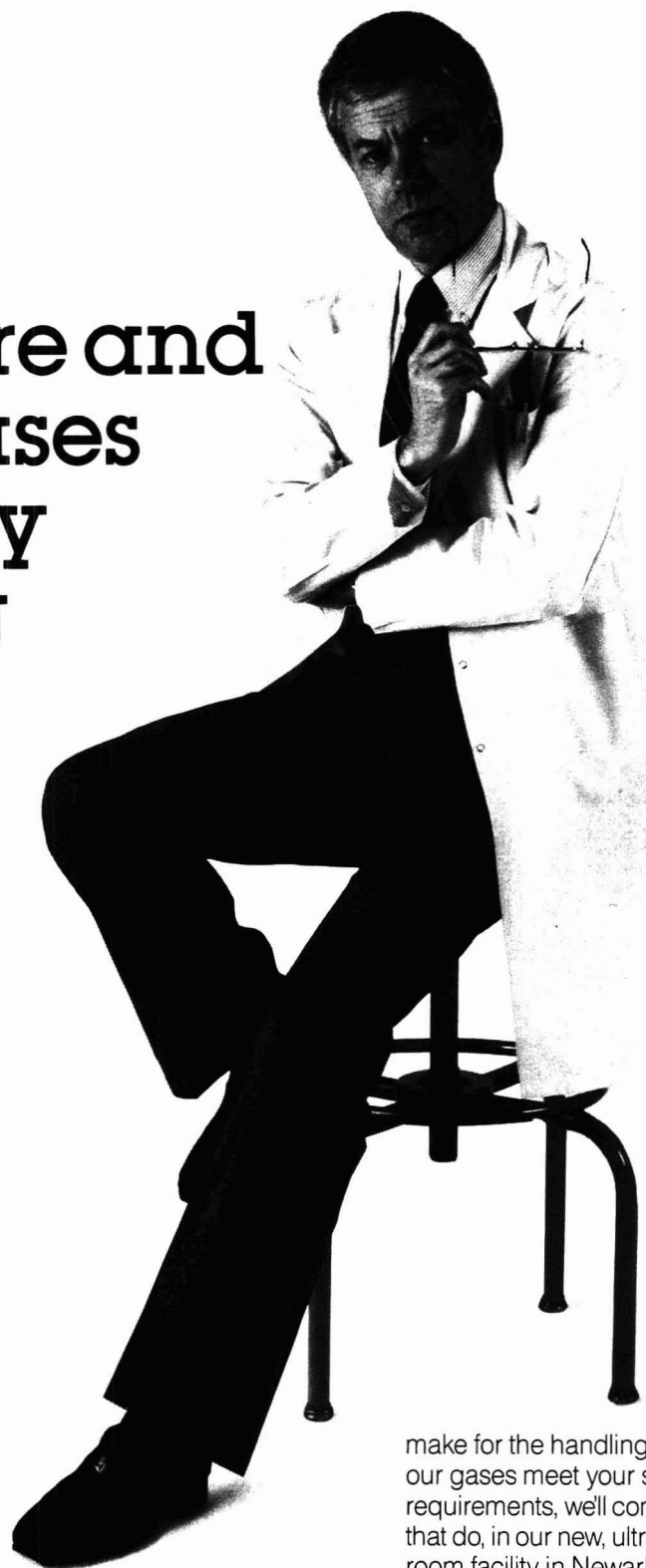
Alfa Products
Atomergic Chemicals Corp.
EM Science
Fluka Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
W. R. Grace & Co.
Johnson Matthey, Inc.
New England Nuclear
Noah Chemical
NRC, Inc.
Nuclear Sources & Services, Inc.
Pfaltz & Bauer, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Sigma Chemical Co.
Spex Industries, Inc.
Strem Chemicals, Inc.
Tousimis
Wako Chemicals USA, Inc.

ELECTROCHEMISTRY - see polarography

ELECTROPHORESIS

AMF Laboratory Products
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J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Eastman Kodak Co.
EM Science
Fluka Chemical Corp.
FSA Laboratory Supplies
Haake Buchler Instruments, Inc.
Hofer Scientific Instruments
Isolab, Inc.
LKB Instruments, Inc.
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Branson Sonic Power Co.
Calbiochem
Biochemicals/Behring
Diagnostics
EM Science
Fluka Chemical Corp.
FMC Corp., Chemical Products
Group
GAF Chemicals Corp.
General Drug & Chemical Corp.
Sigma Chemical Co.

ENZYMES

immobilized
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Laboratory, Inc.
Bethesda Research Labs.
Bioanalytical Systems, Inc.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
EM Science
Fluka Chemical Corp.
ICN Biomedicals
Pharmacia, Inc.
Polysciences, Inc.
Sigma Chemical Co.
Universal Sensors
Vector Laboratories, Inc.

purified

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Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
EM Science
Fluka Chemical Corp.
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ICN Biomedicals
New England Nuclear
Noah Chemical
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Phillips Chemical Co.
Polysciences, Inc.
Provesta Corp.
SAS Pharmaceuticals, Ltd.
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United States Biochemical Corp.
Vector Laboratories, Inc.
Wako Chemicals USA, Inc.

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The Anspec Co., Inc.
Barnebey-Cheney
Bio-Rad Laboratories
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EM Science
Fluka Chemical Corp.
Sartorius Filters, Inc.

GAS ABSORBENTS - see
absorbents, gas

GASES

compressed

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Air Products & Chemicals, Inc.
Alfa Products
Allied-Signal, Inc.
Alphagaz Specialty Gases
Ashland Chemical Co.
Atomerig Chemetals Corp.
Big Three Industries
The Boc Group, Inc.
Cryogenic Rare Gas
Fluka Chemical Corp.
Icon Services, Inc.
Liquid Carbonic
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
M G Industries
North East Cryogenics, Inc.
Ozark-Mahoning Co.
Pfaltz & Bauer, Inc.
Phillips 66 Co.
Prolabo
Scott Specialty Gases
Supelco, Inc.

Union Carbide Corp., Linde Div.

compressed, high-purity

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Alfa Products
Allied-Signal, Inc.
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
Ashland Chemical Co.
Atomerig Chemetals Corp.
Big Three Industries
The Boc Group, Inc.
Cryogenic Rare Gas
Icon Services, Inc.
Liquid Carbonic
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
M G Industries
Noah Chemical
North East Cryogenics, Inc.
Phillips 66 Co.
Prolabo
Scott Specialty Gases
Supelco, Inc.
Union Carbide Corp., Linde Div.

gas mixtures

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Alfa Products
Alltech Associates/Applied
Science
Alphagaz Specialty Gases
Analytical Instrument
Development, Inc.
Analytical Products, Inc.
Ashland Chemical Co.
Big Three Industries
The Boc Group, Inc.
Cambridge Isotope Labs.
Chrompack, Inc.
Chrompack International B.V.
Cryogenic Rare Gas
Foxboro Analabs
Icon Services, Inc.
Liquid Carbonic
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
M G Industries
New England Nuclear
North East Cryogenics, Inc.
Nuclear Sources & Services,
Inc.
Phillips 66 Co.
Radiometer America, Inc.
Scott Specialty Gases
Supelco, Inc.
Tracor Atlas, Inc.
Union Carbide Corp., Linde Div.
Vici Metronics

laser

Airco Special Gases
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Alphagaz Specialty Gases
Ashland Chemical Co.
Atomerig Chemetals Corp.
Big Three Industries
The Boc Group, Inc.
Cambridge Isotope Labs.
Cryogenic Rare Gas
Icon Services, Inc.
Liquid Carbonic
Matheson Gas Products
M G Industries
North East Cryogenics, Inc.
Scott Specialty Gases
Union Carbide Corp., Linde Div.

rare gases

Airco Special Gases
Air Products & Chemicals, Inc.
Alfa Products
Alphagaz Specialty Gases
Ashland Chemical Co.
Atomerig Chemetals Corp.
Big Three Industries
The Boc Group, Inc.
Cambridge Isotope Labs.
Columbia Organic Chemical Co.,
Inc.
Cryogenic Rare Gas
Fluka Chemical Corp.
Icon Services, Inc.
Liquid Carbonic
Matheson Gas Products
M G Industries
North East Cryogenics, Inc.
Ozark-Mahoning Co.
Pfaltz & Bauer, Inc.
Phillips 66 Co.
Prolabo
Scott Specialty Gases
Supelco, Inc.

Union Carbide Corp., Linde Div.

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Fisher Scientific Co.
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General Drug & Chemical Corp.
Heat Systems-Ultrasonics, Inc.
International Products Corp.
Isolab, Inc.
J&S Scientific, Inc.
Mallinckrodt, Inc.
Manostat Corp.
National Diagnostics, Inc.
New England Nuclear
Orbeco Analytical Systems, Inc.
Pierce Chemical Co.
Solutions Plus, Inc.
Spectrum Medical Industries,
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Thomas Scientific
VWR Scientific
Wako Chemicals USA, Inc.

HALOGEN ELEMENTS AND COMPOUNDS

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Alfa Products
Alphagaz Specialty Gases
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The Boc Group, Inc.
Chem Service, Inc.
Columbia Organic Chemical Co.,
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Crescent Chemical Co., Inc.
Fluka Chemical Corp.
Mallinckrodt, Inc.
Matheson Gas Products
Noah Chemical
Ozark-Mahoning Co.
Pfaltz & Bauer, Inc.
Sigma Chemical Co.
Union Carbide Corp., Linde Div.
Wako Chemicals USA, Inc.

HISTOLOGY

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Diagnostics
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Chemtrix, Inc.
Cole-Parmer Instrument Co.
Columbus Chemical Industries,
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Crescent Chemical Co., Inc.
Difco Laboratories
Eastern Chemical
Eastman Kodak Co.
EM Science
Exttech Instruments
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
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Lachat Chemicals, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
Mallinckrodt, Inc.
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National Bureau of Standards
Noah Chemical
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Prolabo
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Schwarz/Mann
Serfilco, Ltd.
Sigma Chemical Co.
Solutions Plus, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
United States Biochemical Corp.
VWR Scientific
Wako Chemicals USA, Inc.
Whatman Inc.

IMMUNOCHEMICAL REAGENTS

AMF Laboratory Products
AMRESCO
Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
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ICN Biomedicals
Molecular Probes, Inc.
Pharmacia, Inc.
Polysciences, Inc.
Research Products International
Corp.
Schwarz/Mann
United States Biochemical Corp.
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Westinghouse Bio-Analytic
Systems Co.

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Cole-Parmer Instrument Co.
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Crescent Chemical Co., Inc.
Eastern Chemical
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EM Science
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GFS Chemicals
Hach Co.
ICN Biomedicals
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Thomas Scientific
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pH

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Beckman Instruments, Inc.
Bethesda Research Labs.
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Calbiochem
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Chemtrix, Inc.
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Crescent Chemical Co., Inc.
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Hach Co.
King's Laboratory, Inc.
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LaMotte Chemical Products Co.
Leeds & Northrup Instruments
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Molecular Probes, Inc.
National Bureau of Standards
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Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Prolabo
Sargent-Welch Scientific Co.
Schwarz/Mann
Serfilco, Ltd.
Sigma Chemical Co.
Solutions Plus, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
United States Biochemical Corp.
VWR Scientific
Wako Chemicals USA, Inc.
Whatman Inc.

test papers, indicators, pH

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Anachemia Chemicals, Inc.
The Anspec Co., Inc.

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Chemtrix, Inc.
Cole-Parmer Instrument Co.
Crescent Chemical Co., Inc.
EM Science
Farmitalia Carlo Erba
Fil-Chem, Inc.
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
LaMotte Chemical Products Co.
Orbeco Analytical Systems, Inc.
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Prolabo
Schleicher & Schuell, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
VWR Scientific
Whatman Inc.
Wilkins-Anderson Co.

titrametric

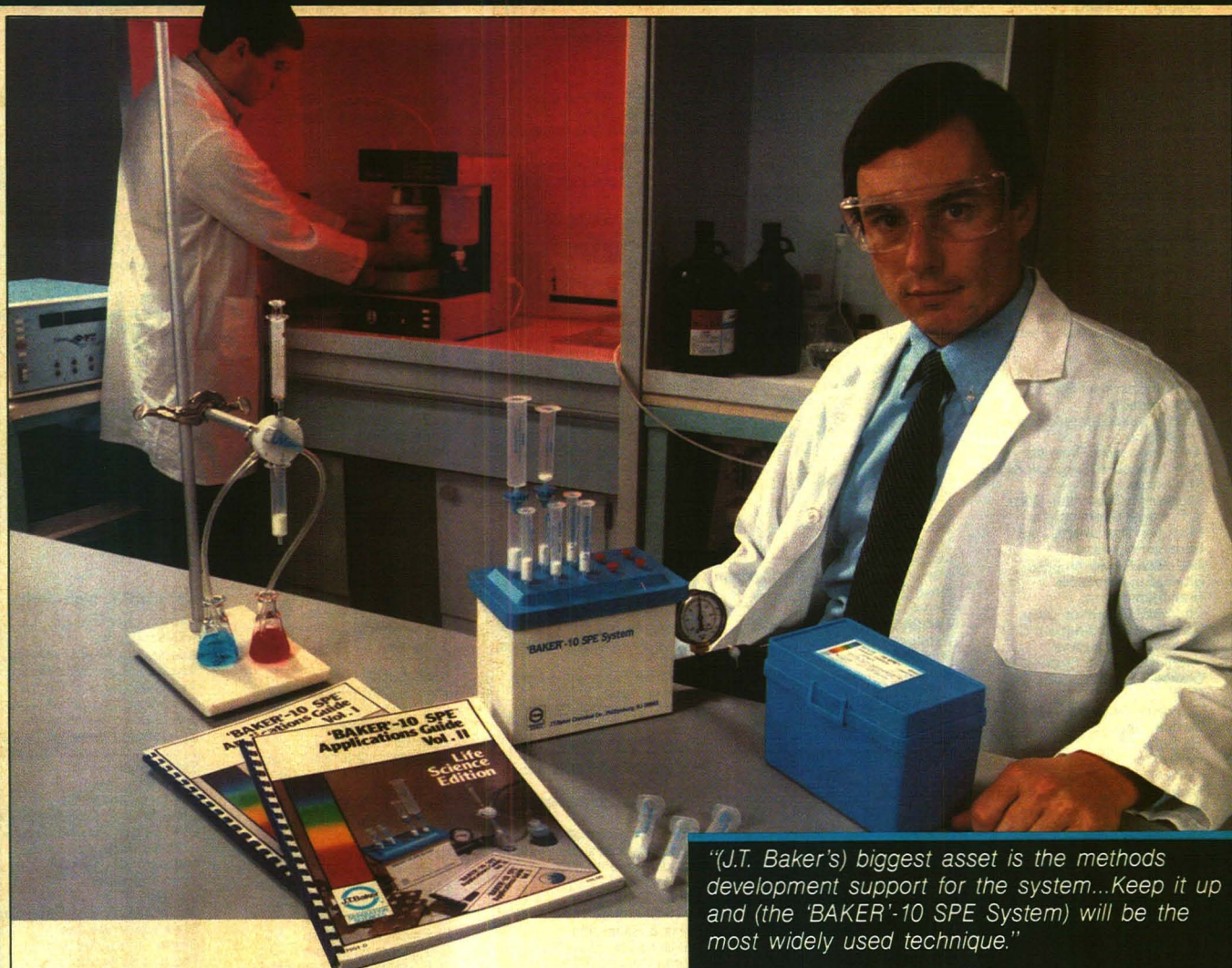
AMRESCO
Anachemia Chemicals, Inc.
Anderson Laboratories, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Chemical Dynamics Corp.
Cole-Parmer Instrument Co.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Lachat Chemicals, Inc.
LaMotte Chemical Products Co.
Mallinckrodt, Inc.
Noah Chemical
Orbeco Analytical Systems, Inc.
Prolabo
Sigma Chemical Co.
Solutions Plus, Inc.
Thomas Scientific
United States Biochemical Corp.
Wako Chemicals USA, Inc.

INORGANIC - see also compounds

Aldrich Chemical Co., Inc.
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AMRESCO
Anderson Laboratories, Inc.
Ashland Chemical Co.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Branchemco, Inc.
Caledon Laboratories, Ltd.
Chem Service, Inc.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Mallinckrodt, Inc.
Noah Chemical
Orbeco Analytical Systems, Inc.
Pennwalt Corp., Inorganic &
Organic Chemicals Div.
Pfaltz & Bauer, Inc.
Polysciences, Inc.
Sigma Chemical Co.
Solutions Plus, Inc.
Spex Industries, Inc.
Thomas Scientific
VWR Scientific
Wako Chemicals USA, Inc.

ION EXCHANGE

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AMF Laboratory Products
The Anspec Co., Inc.
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crystals

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Fluka Chemical Corp.
Noah Chemical
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Union Carbide Corp., Electronics Div.

resins

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Bio-Rad Laboratories
Branchemco, Inc.
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Crane Co., Cochrane
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General Drug & Chemical Corp.
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Phenomenex
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Thomas Scientific
Tudor Scientific Glass Co.

ISOTOPES

radioactive

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J. T. Baker Chemical Co.
The Boc Group, Inc.
Chemsyn Science Laboratories
Cryogenic Rare Gas
Eberline Instrument Corp.
ICN Biomedicals
3M Co., Static Control Systems
National Bureau of Standards
New England Nuclear
Noah Chemical

Norland Corp.
Nuclear Sources & Services, Inc.
The Nucleus, Inc.
Packard Instrument Co., Inc.
Pathfinder Labs., Inc.
Research Products International Corp.
Stohler/KOR Stable Isotopes
Wizard Laboratories, Inc.

stable

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Alfa Products
Alphagaz Specialty Gases
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Bio-Rad Laboratories
The Boc Group, Inc.
Cambridge Isotope Labs.
Chemical Dynamics Corp.
Chemsyn Science Laboratories
Crescent Chemical Co., Inc.
Cryogenic Rare Gas
Fluka Chemical Corp.
ICN Biomedicals
Icon Services, Inc.
Isotec, Inc.
Liquid Carbonic
Matheson Gas Products
Merck Sharp & Dohme/Isotopes
Noah Chemical
Noah Chemical
Packard Instrument Co., Inc.
Pathfinder Labs., Inc.
Pressure Chemical Co.
Research Products International Corp.
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Stohler/KOR Stable Isotopes
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Wizard Laboratories, Inc.

KITS

chemical reaction for teaching

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Milton Roy Co.
Milton Roy Co., Analytical Products Div.
Sargent-Welch Scientific Co.
Sigma Chemical Co.
Ultra-Scientific
United States Biochemical Corp.

clinical test packs

Advanced Instruments, Inc.
AMRESCO
Analytical Products, Inc.
Anderson Laboratories, Inc.
Beckman Instruments, Inc.
Bethesda Research Labs.
Bio-Rad Laboratories
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Diagnostics, Inc.
Calbiochem
Biochemicals/Behring
Diagnostics
Chrono-Log Corp.
Clay Adams
Coulter Electronics, Inc.
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E-C Apparatus Corp.
Electro-Nucleonics, Inc.
Fisher Scientific Co.
Gilford, Ciba-Corning
Gordon-Keeble, Inc.
Helena Laboratories, Inc.
Isolab, Inc.
New England Nuclear
Precision Systems, Inc.
Sartorius Filters, Inc.
Seragen Diagnostics, Inc.
Sigma Chemical Co.
Wako Chemicals USA, Inc.

LABELED ORGANIC COMPOUNDS

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Atomerig Chemetals Corp.
Cambridge Isotope Labs.
ICN Biomedicals
Icon Services, Inc.
Merck Sharp & Dohme/Isotopes
New England Nuclear
Noah Chemical
Nuclear Sources & Services, Inc.

Pressure Chemical Co.
Regis Chemical
Stohler/KOR Stable Isotopes
Supelco, Inc.
Varian Instrument Group
Wizard Laboratories, Inc.

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American Gas & Chemical Co., Ltd.
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Big Three Industries
The Boc Group, Inc.
Chrompack, Inc.
Chrompack International B.V.
Cole-Parmer Instrument Co.
Datametrics
DEVCO Engineering, Inc.
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General Scientific Equipment Co.
ICN Biomedicals
Magnaflux Corp.
Matheson Gas Products
Nuclide Corp.
Quantum Instruments, Inc.
Scott Specialty Gases
Sensidyne, Inc.
Spectrum Medical Industries, Inc.
Sunshine Technology Corp
Supelco, Inc.
Varian Instrument Group

LIQUID CRYSTALS

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Alltech Associates/Applied Science
Atomerig Chemetals Corp.
Crescent Chemical Co., Inc.
Edmund Scientific Co.
EM Science
Frinton Labs.
Noah Chemical
Pfaltz & Bauer, Inc.
Pressure Chemical Co.
Sigma Chemical Co.

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R. P. Cargille Labs., Inc.
Columbia Organic Chemical Co., Inc.
Crescent Chemical Co., Inc.
Prolabo
Solutions Plus, Inc.

LUMINESCENCE

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Calbiochem
Biochemicals/Behring
Diagnostics
Crescent Chemical Co., Inc.
LKB Instruments, Inc.
3M Co., Static Control Systems
Molecular Probes, Inc.
National Diagnostics, Inc.
Packard Instrument Co., Inc.
Polysciences, Inc.
Sigma Chemical Co.
Turner Designs
UVP, Inc.

MAGNETIC ALLOYS, ultra high- purity - see alloys

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Cabot Corp.
Crescent Chemical Co., Inc.
EM Science
Fluka Chemical Corp.
Goodfellow Metals Cambridge, Ltd.
Noah Chemical
Nuclear Associates
Nuclear Sources & Services, Inc.
Pfaltz & Bauer, Inc.

Reactor Experiments, Inc.
Reade Metals & Minerals Corp.

METALS - see also elements

alloys

Aldrich Chemical Co., Inc.
Alfa Products
Atomerig Chemetals Corp.
Cabot Corp.
Carpenter Technology Corp.
Crescent Chemical Co., Inc.
The Duriron Co., Inc.
EM Science
Engelhard Corp.
Fluka Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
Johnson Matthey, Inc.
Materials Research Corp.
National Bureau of Standards
Ney Products, Inc.
Noah Chemical
NRC, Inc.
Polaron Instruments, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Tousimis

high-purity

Aldrich Chemical Co., Inc.
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Anachemia Chemicals, Inc.
Aremco Products, Inc.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Cabot Corp.
Carpenter Technology Corp.
Chemical Dynamics Corp.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
Eastern Chemical
EM Science
Engelhard Corp.
Farmitalia Carlo Erba
Fluka Chemical Corp.
GAF Chemicals Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
Johnson Matthey, Inc.
Mallinckrodt, Inc.
Materials Research Corp.
National Bureau of Standards
Ney Products, Inc.
Noah Chemical
NRC, Inc.
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Polaron Instruments, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Spex Industries, Inc.
Strem Chemicals, Inc.
Tousimis
Wako Chemicals USA, Inc.

refractory

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Cabot Corp.
Fluka Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Goodfellow Metals Cambridge, Ltd.
Materials Research Corp.
Noah Chemical
Norton Co. (Mass.)
NRC, Inc.
Prolabo
Reade Metals & Minerals Corp.
Tousimis

precious

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Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Chemical Dynamics Corp.
Crescent Chemical Co., Inc.
EM Science
Engelhard Corp.
Fluka Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.

Goodfellow Metals Cambridge, Ltd.
Johnson Matthey, Inc.
Mallinckrodt, Inc.
Materials Research Corp.
National Bureau of Standards
Noah Chemical
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
Reactor Experiments, Inc.
Reade Metals & Minerals Corp.
Spex Industries, Inc.
Strem Chemicals, Inc.
Tousimis

MERCURY DETERMINATION

Anderson Laboratories, Inc.
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Core Laboratories
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
EM Science
F & J Scientific
Hach Co.

MERCURY, high-purity

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Bethlehem Apparatus Co., Inc.
Crescent Chemical Co., Inc.
EM Science
Engelhard Corp.
Fisher Scientific Co.
General Drug & Chemical Corp.
D. F. Goldsmith Chemical & Metal Corp.
Mallinckrodt, Inc.
Noah Chemical
Prolabo
Reade Metals & Minerals Corp.
Spex Industries, Inc.
Strem Chemicals, Inc.
Thomas Scientific

MICROANALYTICAL AND MICROCOMBUSTION AGENTS

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Fisher Scientific Co.
MultiChem Laboratories, Inc.
Prolabo
Thomas Scientific

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Crippen Laboratories, Inc.
Eastman Kodak Co.
Edmund Scientific Co.
EM Corp.
EM Science
Fluka Chemical Corp.
Ernest F. Fullam, Inc.
General Drug & Chemical Corp.
Molecular Probes, Inc.
National Diagnostics, Inc.
Orbeco Analytical Systems, Inc.
Particle Data, Inc.
Polysciences, Inc.
Prolabo
Structure Probe, Inc.
Thomas Scientific
Tousimis
Vector Laboratories, Inc.

MILK TESTING

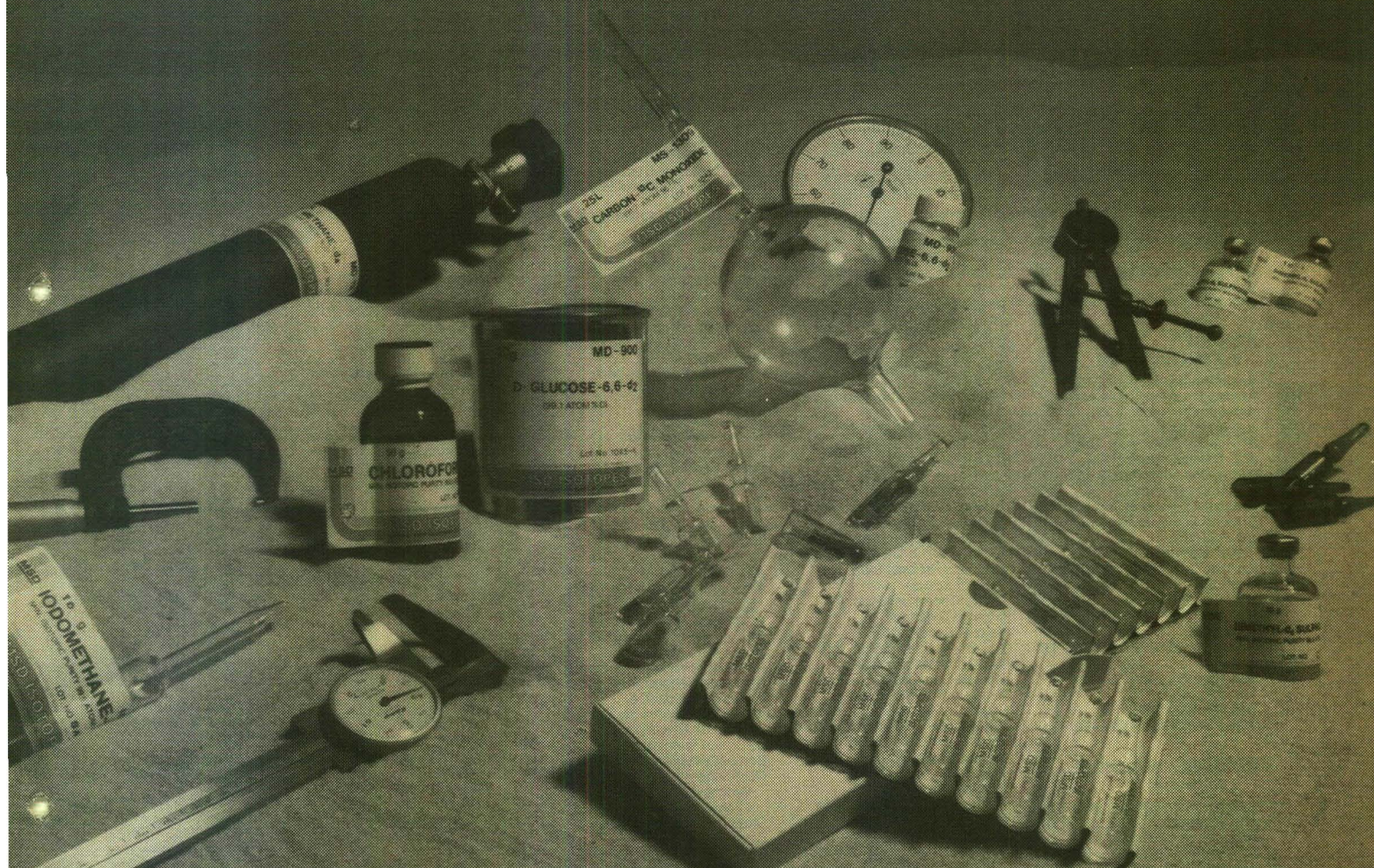
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5

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J. T. Baker Chemical Co.
Cole-Parmer Instrument Co.
Core Laboratories
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
EG&G International, Inc.
EM Science
Ericsen Instruments Corp.
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
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Mallinckrodt, Inc.
Moisture Systems Corp.
Orbeco Analytical Systems, Inc.
Prolabo
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Texas Nuclear
Thomas Scientific

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Antek Instruments, Inc.
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Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Brinkmann Instruments, Inc.
Core Laboratories
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
EM Science
Fisher Scientific Co.
General Drug & Chemical Corp.
Hach Co.
Mallinckrodt, Inc.
Milton Roy Co., Analytical
Products Div.
Orbeco Analytical Systems, Inc.
Prolabo
Solutions Plus, Inc.
Tecator, Inc.
Thomas Scientific
Wako Chemicals USA, Inc.

ORGANIC - *see also* *compounds*

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Anachemia Chemicals, Inc.
Anderson Laboratories, Inc.
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Ashland Chemical Co.
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Bethesda Research Labs.
Calbiochem
Biochemicals/Behring
Diagnostics
Carbocabs
Carnegie-Mellon University
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Columbia Organic Chemical Co.,
Inc.
Crescent Chemical Co., Inc.
Eastern Chemical
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
Frinton Labs.
GAF Chemicals Corp.
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
Heico Chemicals Div.
ICN Biomedicals
Karl Industries, Inc.
LC Services Corp.
Mallinckrodt, Inc.
M&T Chemicals Inc.
Merck Sharp & Dohme/Isotopes
Molecular Probes, Inc.

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Pacific Chemical Labs., Inc.
Petrarch Systems
Pfaltz & Bauer, Inc.
Polyhedron Laboratories
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Regis Chemical
Sigma Chemical Co.
Solutions Plus, Inc.
Specialty Organics, Inc.
Ultra-Scientific
VariChem, Inc.
VWR Scientific
Wako Chemicals USA, Inc.

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Angus Chemical Co.
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J. T. Baker Chemical Co.
Carbocabs
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Columbia Organic Chemical Co.,
Inc.
Crescent Chemical Co., Inc.
Eastern Chemical
Eastman Kodak Co.
EM Science
Fluka Chemical Corp.
Frinton Labs.
General Drug & Chemical Corp.
Hach Co.
Heico Chemicals Div.
Hilton-Davis Chemical Co.
ICN Biomedicals
Incell Corp.
Karl Industries, Inc.
LC Services Corp.
Mallinckrodt, Inc.
M&T Chemicals Inc.
Merck Sharp & Dohme/Isotopes
Molecular Probes, Inc.
Noah Chemical
Pacific Chemical Labs., Inc.
Petrarch Systems
Pfaltz & Bauer, Inc.
PMC Specialties Group, Inc.
Polyhedron Laboratories
Polysciences, Inc.
Pressure Chemical Co.
Prolabo
Reade Metals & Minerals Corp.
Regis Chemical
Schwarz/Mann
Silar Labs., Inc.
Specialty Organics, Inc.
Stohler/KOR Stable Isotopes
Strem Chemicals, Inc.
Ultra-Scientific
The Upjohn Co., Fine Chemical
Marketing
VariChem, Inc.
Wako Chemicals USA, Inc.

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Atomerig Chemetals Corp.
Chemplex Industries, Inc.
Chem Service, Inc.
Columbia Organic Chemical Co.,
Inc.
Crescent Chemical Co., Inc.
Dow Corning Corp.
Eastern Chemical
Eastman Kodak Co.
EM Science
Engelhard Corp.
Fluka Chemical Corp.
GAF Chemicals Corp.
General Drug & Chemical Corp.
Johnson Matthey, Inc.
Mallinckrodt, Inc.
M&T Chemicals Inc.
Noah Chemical
Petrarch Systems
Pfaltz & Bauer, Inc.
Platina Laboratories, Inc.
Polyhedron Laboratories
Pressure Chemical Co.

Prolabo
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Silar Labs., Inc.
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Spex Industries, Inc.
Strem Chemicals, Inc.
Wilma Glass Co., Inc.

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Bethesda Research Labs.
Chemical Dynamics Corp.
Chem Service, Inc.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
FMC Corp., Chemical Products
Group
General Drug & Chemical Corp.
GFS Chemicals
Hach Co.
LaMotte Chemical Products Co.
Mallinckrodt, Inc.
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Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
Schwarz/Mann
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Solutions Plus, Inc.
Strem Chemicals, Inc.
Wako Chemicals USA, Inc.

pH BUFFERS

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American Scientific Products
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Analytical Products, Inc.
Analytical Products Group, Inc.
Anderson Laboratories, Inc.
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Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Calbiochem
Biochemicals/Behring
Diagnostics
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Chemtrix, Inc.
Cole-Parmer Instrument Co.
Columbus Chemical Industries,
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Corning Glass Works
Crescent Chemical Co., Inc.
Crippen Laboratories, Inc.
Eastman Kodak Co.
EM Corp.
EM Science
Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Gibco Labs.
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Hach Co.
Innovative Sensors, Inc.
Kruger & Eckels, Inc.
LaMotte Chemical Products Co.
Leeds & Northrup Instruments
LKB Instruments, Inc.
Mallinckrodt, Inc.
Nester Instruments
Nova Analytical
Orbeco Analytical Systems, Inc.
Orion Research Inc.
Polaron Instruments, Inc.
Polysciences, Inc.
Prolabo
Radiometer America, Inc.
Sargent-Welch Scientific Co.
Schwarz/Mann
Sensorex

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Solutions Plus, Inc.
Thomas Scientific
Tudor Scientific Glass Co.
VWR Scientific
Wako Chemicals USA, Inc.
Wilkins-Anderson Co.

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Edmund Scientific Co.
Ernest F. Fullam, Inc.
General Drug & Chemical Corp.
Heico Chemicals Div.
Pacific Chemical Labs., Inc.
Polysciences, Inc.
Structure Probe, Inc.
VWR Scientific
Wako Chemicals USA, Inc.

POLAROGRAPHY - *see also* *mercury, high-purity*

Alfa Products
J. T. Baker Chemical Co.
Noah Chemical

POWDERS, spectroscopic

Alfa Products
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J. T. Baker Chemical Co.
Buck Scientific, Inc.
Chemplex Industries, Inc.
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Materials Research Corp.
Noah Chemical
Pfaltz & Bauer, Inc.
Prolabo
Reade Metals & Minerals Corp.
Spex Industries, Inc.
Wilma Glass Co., Inc.
Zeabac Inc.

PRECIPITATION

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Fluka Chemical Corp.
General Drug & Chemical Corp.
GFS Chemicals
Noah Chemical

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Bio-Rad Laboratories
Calbiochem
Biochemicals/Behring
Diagnostics
Chemical Dynamics Corp.
EM Science
Fluka Chemical Corp.
General Drug & Chemical Corp.
ICN Biomedicals
New England Nuclear
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Pharmacia, Inc.
Pierce Chemical Co.
Polysciences, Inc.
Schwarz/Mann
Sigma Chemical Co.
United States Biochemical Corp.
Vega Biotechnologies, Inc.
Wako Chemicals USA, Inc.

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New England Nuclear
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Reactor Experiments, Inc.
Research Products International
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Stohler/KOR Stable Isotopes
Wizard Laboratories, Inc.

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Beckman Instruments, Inc.
Chemsyn Science Laboratories
Cole-Parmer Instrument Co.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Corp.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
General Drug & Chemical Corp.
ICN Biomedicals
Isolab, Inc.
Kontron AG
LKB Produkter AB
Mallinckrodt, Inc.
National Diagnostics, Inc.
New England Nuclear
Nuclear Sources & Services,
Inc.
Packard Instrument Co., Inc.
Polysciences, Inc.
Prolabo
Radiomatic Instruments &
Chemical Co., Inc.
Research Products International
Corp.
Sigma Chemical Co.
Solutions Plus, Inc.
United States Biochemical Corp.

SEROLOGY

American Scientific Products
AMF Laboratory Products
Anderson Laboratories, Inc.
Atomerig Chemetals Corp.
Calbiochem
Biochemicals/Behring
Diagnostics
Difco Laboratories
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
Polysciences, Inc.
Sigma Chemical Co.

SOLVENTS

deuterium
Airco Special Gases
Aldrich Chemical Co., Inc.
Alfa Products
Atomerig Chemetals Corp.
J. T. Baker Chemical Co.
The Boc Group, Inc.
Cambridge Isotope Labs.
Chemical Dynamics Corp.
Columbia Organic Chemical Co.,
Inc.
Crescent Chemical Co., Inc.
Fluka Chemical Corp.
ICN Biomedicals
Icon Services, Inc.
J&S Scientific, Inc.
Liquid Carbonic
Merck Sharp & Dohme/Isotopes
Noah Chemical
Norell, Inc.
Pfaltz & Bauer, Inc.
Prolabo
Scott Specialty Gases
Sigma Chemical Co.
Stohler/KOR Stable Isotopes
Wilma Glass Co., Inc.

extraction
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Labs.
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Applied Biosystems, Inc.
Ashland Chemical Co.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Cal-Glass For Research, Inc.
Crescent Chemical Co., Inc.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
FSA Laboratory Supplies
GAF Chemicals Corp.
General Drug & Chemical Corp.
Lachat Chemicals, Inc.
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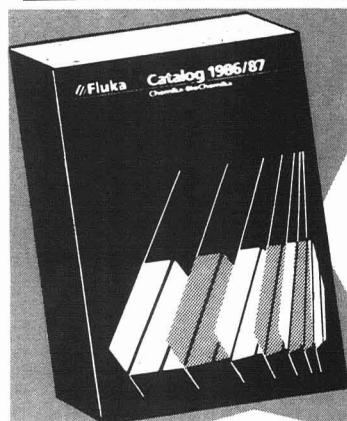
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Photovolt
Prolabo
Sargent-Welch Scientific Co.
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Solutions Plus, Inc.
Sunshine Technology Corp
VWR Scientific
Wako Chemicals USA, Inc.

high-purity

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Allied-Signal, Inc.
Alltech Associates/Applied
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American Burdick and Jackson
Labs.
American Scientific Products
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Applied Biosystems, Inc.
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Beckman Instruments, Inc.
Bethesda Research Labs.
Caledon Laboratories, Ltd.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
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Farmitalia Carlo Erba
Fisher Scientific Co.
Fluka Chemical Corp.
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General Drug & Chemical Corp.
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Photovolt
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Polysciences, Inc.
Prolabo
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Scott Specialty Gases
Sigma Chemical Co.
Solutions Plus, Inc.
Universal Scientific, Inc.
Wako Chemicals USA, Inc.
Wilkins-Anderson Co.

spectrochemical

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Labs.
Anachemia Chemicals, Inc.

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Atomerger Chemicals Corp.
J. T. Baker Chemical Co.
Beckman Instruments, Inc.
Bethesda Research Labs.
Caledon Laboratories, Ltd.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
Eastman Kodak Co.
EM Science
Fisher Scientific Co.
Fluka Chemical Corp.
FSA Laboratory Supplies
General Drug & Chemical Corp.
Hach Co.
ICN Biomedicals
J&S Scientific, Inc.
Lachat Chemicals, Inc.
Mallinckrodt, Inc.
Noah Chemical
Norell, Inc.
Packard Instrument Co., Inc.
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Prolabo
Solutions Plus, Inc.
Stohler/KOR Stable Isotopes
Varian Instrument Group
Wako Chemicals USA, Inc.
Wilma Glass Co., Inc.

SOURCES

Mossbauer effect

Amersham Corp.
ICN Biomedicals
New England Nuclear
Nuclear Sources & Services,
Inc.

radiochemical

Amersham Corp.
Eberline Instrument Corp.
ICN Biomedicals
New England Nuclear
Nuclear Associates
Nuclear Sources & Services,
Inc.
Packard Instrument Co., Inc.

SPECTROGRAPHY

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Atomerger Chemicals Corp.
Crescent Chemical Co., Inc.
Noah Chemical
Prolabo
Spex Industries, Inc.

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Labs.
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Atomerger Chemicals Corp.
Beckman Instruments, Inc.
Buck Scientific, Inc.
Chem Service, Inc.
Corco Chemical Corp.
Crescent Chemical Co., Inc.
EM Science
GFS Chemicals
Harrick Scientific Corp.
Helena Laboratories, Inc.
Mallinckrodt, Inc.
Noah Chemical
Orbeco Analytical Systems, Inc.
Prolabo
Varian Instrument Group
Wilma Glass Co., Inc.

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air analysis

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Air Products & Chemicals, Inc.
Alltech Associates/Applied
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Alphagaz Specialty Gases
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Analytical Products, Inc.
The Anspec Co., Inc.
Ashland Chemical Co.
Bacharach, Inc.
Big Three Industries
The Boc Group, Inc.
Chem Service, Inc.
Chrompack, Inc.
Columbia Scientific Industries
Corp.
EG&G International, Inc.
EM Science
Foxboro Analabs
LaMotte Chemical Products Co.
Liquid Carbonic

Matheson Gas Products
Merck Sharp & Dohme/Isotopes
M G Industries
Monitor Labs, Inc.
National Bureau of Standards
National Draeger, Inc.
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Polysciences, Inc.
Sartorius Filters, Inc.
Scott Specialty Gases
Sensidyne, Inc.
Supelco, Inc.
Thermedics, Inc.
Tracor Atlas, Inc.
Ultra-Scientific
Union Carbide Corp., Linde Div.
Vici Metronics

atomic absorption

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Anderson Laboratories, Inc.
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Buck Scientific, Inc.
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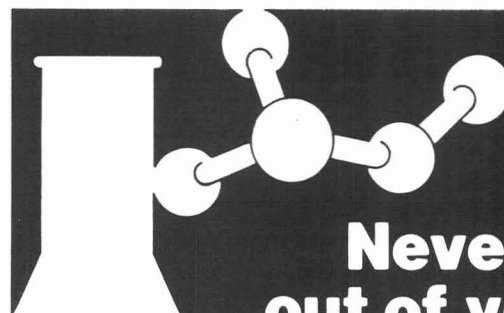
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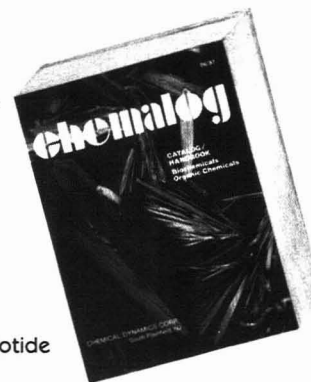
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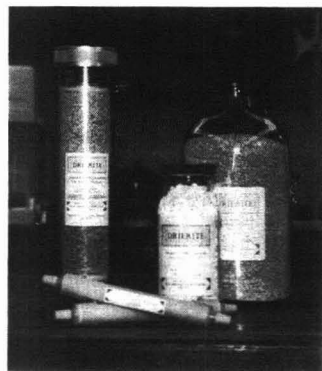
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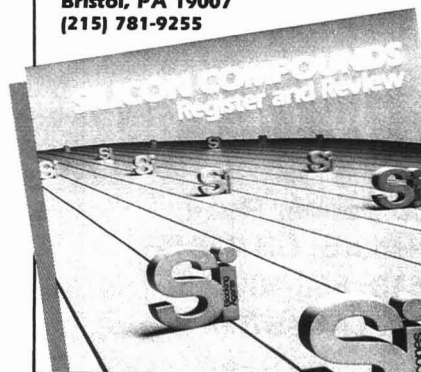
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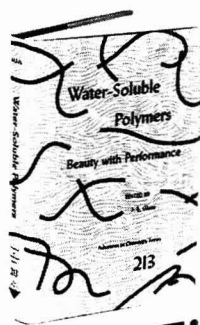
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Water Solubility in Carbohydrate Polymers • Use of Aqueous Size-Exclusion Chromatography • Dilute Solution Properties in Pectin • ¹³C-NMR Characterization of Structural Features • Adsorption and Its Influence on Application Properties • Viscosities of Hydrophobically Modified HEC • Polymeric Flocculents in Wastewater Treatment • Metal-Activated Redox Initiation • Role in Oil Well Drillings Muds • Use as Shale Stabilizers in Drilling Fluids • Filtration Control of Bentonite Muds • Use as Aqueous Drilling Fluids Additives • Characterization of Metal Cross-linked Polymer Gels • Polymer Flow Through Porous Media • Polymer-Augmented Waterflooding • Surface Viscoelasticity and Foam Stability • Cellulose Ethers and Coatings Performance • Grafting Reactions of HEC • Associative Thickeners and Coatings Performance • Behavior of Associative Thickeners in Latex Systems • Influence on Rheology of Pigmented Latex Coatings • Rheology of Epoxy-Acrylic Graft Copolymers • Poly(2-ethyl-2-oxazoline)

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Associates
Chemical Research Supplies
Chrompack, Inc.
Columbia Scientific Industries
Corp.
Core Laboratories
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.
Hauser Laboratories
Janos Technology Inc.
LC Services Corp.
McPherson
Molecular Structure Corp.
National Draeger, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Polyhedron Laboratories
Process & Instruments Corp.
Rudolph Instruments, Inc.
Schneider Instrument Co.
Scientific Systems Corp.
SCIEX
Scott Specialty Gases
Sira Ltd.
Spectrogram Corp.
Suprex Corp.
TCS
Theta Industries, Inc.
Truesdail Labs., Inc.
Ultra-Scientific
Universal Sensors
Vega Biotechnologies, Inc.
Zeebac Inc.

CRYSTAL GROWING

American Standards Testing
Bureau, Inc.
Atomergic Chemetals Corp.
Crystallitics Co.
EG&G Ortec
Janos Technology Inc.
Molecular Structure Corp.
Noah Chemical
Oneida Research Services, Inc.
Teledyne Isotopes
Union Carbide Corp., Electronics
Div.

CUSTOM LABORATORY SOFTWARE DEVELOPMENT

Crippen Consulting Associates
Scientific Software Products

DATA ACQUISITION

ABI Analytical/Kratos Div.
American Standards Testing
Bureau, Inc.
Cambridge Analytical
Associates
Chemir Laboratories
Chesapeake Software, Inc.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.

Crystallitics Co.
Data Translation, Inc.
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
EG&G Ortec
Finnigan MAT Institute
Kinetic Systems Corp.
Molecular Structure Corp.
National Institute For Petroleum
and Energy Research
Nelson Analytical, Inc.
On-Line Instrument Systems,
Inc.
PolyScience Corp.
Schneider Instrument Co.
Spectrogram Corp.
Thermo Analytical, Inc.
Roy F. Weston, Inc.

DENSITY MEASUREMENT

American Standards Testing
Bureau, Inc.
Babcock & Wilcox, Research
and Development Div.
Beckman Industrial Corp.
Cambridge Analytical
Associates
R. P. Cargille Labs., Inc.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Curtis and Tompkins
Laboratories
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
Dynatech Scientific, Inc.
Hauser Laboratories
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
Micromeritics Instrument Corp.
National Institute For Petroleum
and Energy Research
Nebraska Testing Corp.
Owens-Illinois Analytical
Services
The Particle Analysis Lab., Inc.
Polyhedron Laboratories
Porous Materials, Inc.
Quantachrome Corp.
Recon Systems, Inc.
Rudolph Instruments, Inc.
Southern Petroleum
Laboratories, Inc.
Springborn Labs. Inc.
Texas Nuclear
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.

DILATOMETER MEASUREMENTS

American Standards Testing
Bureau, Inc.
Coors Spectro-Chemical Lab.
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.
Harrop Industries, Inc.
Hauser Laboratories
Industrial Testing Laboratories,
Inc.
Netzsch Inc.
The Edward Orton Jr. Ceramic
Foundation
Owens-Illinois Analytical
Services
Polyhedron Laboratories
Thermo Analytical, Inc.

EDUCATION COURSES

A & L Great Lakes Agricultural
Labs., Inc.
American Standards Testing
Bureau, Inc.
AMSCO/American Sterilizer Co.
J. T. Baker Chemical Co.
Bioanalytical Systems, Inc.
Chemir Laboratories
Chrompack, Inc.
Core Laboratories
Coulter Electronics, Inc.
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.

Dionex Corp.
EB Associates Labs., Inc.
Eberline Instrument Corp.
EM Science
Charles Evans & Associates
Finnigan MAT Institute
Hunter Associates Laboratory,
Inc.
Monenco Analytical
Laboratories
Nuclear Sources & Services,
Inc.
Safety Specialists, Inc.
Scanning Electron Analysis
Labs., Inc.
Sira Ltd.
Varian Instrument Group
Zeebac Inc.

ELECTROCHEMISTRY

American Standards Testing
Bureau, Inc.
Babcock & Wilcox, Research
and Development Div.
Bioanalytical Systems, Inc.
Crippen Laboratories, Inc.
Eco Instruments
The Electrosynthesis Co.
ESA Laboratories, Inc.
Industrial Testing Laboratories,
Inc.
Innovative Sensors, Inc.
Institute for Research, Inc.
MEI-Charlton, Inc.
MultiChem Laboratories, Inc.
National Draeger, Inc.
Schneider Instrument Co.
Sira Ltd.
Thermo Analytical, Inc.
Townley Research & Consulting,
Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Universal Sensors
Roy F. Weston, Inc.

ELECTRON MICROPROBE

American Standards Testing
Bureau, Inc.
Babcock & Wilcox, Research
and Development Div.
Coors Spectro-Chemical Lab.
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
Walter C. McCrone Associates,
Inc.
MEI-Charlton, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Oneida Research Services, Inc.
Owens-Illinois Analytical
Services
PhotoMetrics, Inc.
Scanning Electron Analysis
Labs., Inc.
Structure Probe, Inc.
Surface Science Laboratories
Tousimis
Xerox Analytical Labs.

ELEMENTAL ANALYSIS

Inorganic
A & L Agricultural Laboratories
A & L Great Lakes Agricultural
Labs., Inc.
Abcor, Inc.
Accu-Labs Research, Inc.
American Standards Testing
Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs.,
Inc.
Arro Laboratories, Inc.
Atomergic Chemetals Corp.
Babcock & Wilcox, Research
and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Branchemco, Inc.
Breedlove, Dennis & Associates,
Inc.
Burgess Analytical Laboratory
Cambridge Analytical
Associates
Columbus Chemical Industries,
Inc.
Coors Spectro-Chemical Lab.
Core Laboratories





Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science & Engineering Corp.
Carlo Erba Strumentazione S.p.A.
ESA Laboratories, Inc.
Charles Evans & Associates
Galbraith Laboratories, Inc.
General Activation Analysis, Inc.
Gollob Analytical Service
Daniel C. Griffith & Co., Ltd.
Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Hauser Laboratories
Huffman Laboratories, Inc.
Icon Services, Inc.
Illinois Water Treatment Co.
Independent Equipment Corp.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Food Laboratory
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
Noah Chemical
Northern Analytical Lab., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Perkin-Elmer Corp., Physical Electronics Div.
Phillips Export B.V.
PhotoMetrics, Inc.
Polyhedron Laboratories
Polysciences, Inc.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Recre Environmental, Inc.
Rocky Mountain Instrumental Labs., Inc.
Sadler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
SCIEX
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Structure Probe, Inc.
Surface Science Laboratories
TEI Analytical, Inc.
Texas Nuclear
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

organic

A & L Agricultural Laboratories
A & L Great Lakes Agricultural Labs., Inc.
Abcor, Inc.
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.

Arro Laboratories, Inc.
Baron Consulting Co.
Beckman Industrial Corp.
Biomeasure, Inc.
Cambridge Analytical Associates
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Carlo Erba Strumentazione S.p.A.
Galbraith Laboratories, Inc.
Gollob Analytical Service
Daniel C. Griffith & Co., Ltd.
Hauser Chemical Research, Inc.
Huffman Laboratories, Inc.
Independent Equipment Corp.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Micro-Analysis, Inc.
MultiChem Laboratories, Inc.
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
Noah Chemical
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Packard Instrument Co., Inc.
Phillips Export B.V.
Polysciences, Inc.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Sadler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
SCIEX
Southern Petroleum Laboratories, Inc.
Structure Probe, Inc.
Surface Science Laboratories
Tector, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

organometallic

A & L Agricultural Laboratories
Abcor, Inc.
American Standards Testing Bureau, Inc.
Baron Consulting Co.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Carlo Erba Strumentazione S.p.A.
Galbraith Laboratories, Inc.
Gollob Analytical Service
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
National Spectrographic Laboratories, Inc.
Noah Chemical
NUS Corp.
OK Labs., Inc.

Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Perkin-Elmer Corp., Physical Electronics Div.
Phillips Export B.V.
Princeton Testing Laboratory, Inc.
Recon Systems, Inc.
Rocky Mountain Instrumental Labs., Inc.
Sadler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
SCIEX
Southern Petroleum Laboratories, Inc.
Structure Probe, Inc.
Surface Science Laboratories
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

ENVIRONMENTAL ANALYSIS

A & L Agricultural Laboratories
A & L Great Lakes Agricultural Labs., Inc.
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Development Corp.
Analytical Products Group, Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Associated Laboratories
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Branchemco, Inc.
Breedlove, Dennis & Associates, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Chemical Waste Disposal Corp.
Chemir Laboratories
Colorado Analytical Research and Development Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Craven Laboratories, Inc.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
D.R. Technology, Inc.
Eastern Laboratory Service Associates
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science & Engineering Corp.
Carlo Erba Strumentazione S.p.A.
ESA Laboratories, Inc.
Charles Evans & Associates
Finnigan MAT Institute
The Foxboro Company
Galbraith Laboratories, Inc.
Great Lakes Environmental Services, Inc.
Greenwood Laboratories
Daniel C. Griffith & Co., Ltd.
Hauser Laboratories, Inc.
Independent Equipment Corp. (NJ)
Institute for Research, Inc.
IT Analytical Services
Kahl Scientific Instrument Corp.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Mononco Analytical Laboratories
Morgan-Schaffer Corp.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Draeger, Inc.
National Institute For Petroleum and Energy Research

Nebraska Testing Corp.
Northern Analytical Lab., Inc.
Nuclear Sources & Services, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Particle Data, Inc.
Polybac Corp.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Recre Environmental, Inc.
Safety Specialists, Inc.
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
SCIEX
Scott Specialty Gases
Sensidyne, Inc.
Charles M. Shapiro & Sons, P.C.
Shrader Analytical Labs., Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs, Inc.
Tector, Inc.
TEI Analytical, Inc.
Teledyne Isotopes
Thermox, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Tracor Atlas, Inc.
TRC Advanced Analytics
Truesdail Labs., Inc.
Ultra-Scientific
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

EQUIPMENT, leasing and renting

Analytical Development Corp.
Buck Scientific, Inc.
Core Laboratories
Coulter Electronics, Inc.
Nicolet Instrument Corp.
Nuclide Corp.
Nuclide Corp., AGV Div.
SCIEX
Thermo Analytical, Inc.
U.S. Analytical Instruments

FOOD ANALYSIS

A & L Great Lakes Agricultural Labs., Inc.
American Standards Testing Bureau, Inc.
Arro Laboratories, Inc.
Associated Laboratories
Baron Consulting Co.
Burgess Analytical Laboratory
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Eastern Laboratory Service Associates
EG&G Ortec
Element Analysis Corp.
Environmental Science & Engineering Corp.
Carlo Erba Strumentazione S.p.A.
Gollob Analytical Service
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Food Laboratory
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Princeton Testing Laboratory, Inc.
Rocky Mountain Instrumental Labs., Inc.
Scanning Electron Analysis Labs., Inc.

SCIEX
Herbert V. Shuster, Inc.
Structure Probe, Inc.
Tector, Inc.
TEI Analytical, Inc.
Thermox, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.

FORENSIC ANALYSIS

American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Chemir Laboratories
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Detroit Testing Laboratory, Inc.
Element Analysis Corp.
Carlo Erba Strumentazione S.p.A.
ESA Laboratories, Inc.
Hauser Laboratories
Lancaster Laboratories, Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Nebraska Testing Corp.
Northern Analytical Lab., Inc.
OK Labs., Inc.
Rocky Mountain Instrumental Labs., Inc.
Charles Ross & Son Co.
Scanning Electron Analysis Labs., Inc.
SCIEX
Springborn Labs, Inc.
Thermo Analytical, Inc.
Truesdail Labs., Inc.

GAS ANALYSIS

Airco Special Gases
Allied-Signal, Inc.
American Standards Testing Bureau, Inc.
Ashland Chemical Co.
Associated Laboratories
Bacharach, Inc.
Bailey Controls Co.
Baron Consulting Co.
The Boc Group, Inc.
Brandywine Research Laboratory, Inc.
Cambridge Analytical Associates
Chemir Laboratories
Columbia Scientific Industries Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Eberline Instrument Corp.
Carlo Erba Strumentazione S.p.A.
The Foxboro Company
Gollob Analytical Service
Greenwood Laboratories
Hauser Laboratories
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Inficon Leybold-Heraeus, Inc.
Institute for Research, Inc.
IT Analytical Services
Kendall Infrared Laboratories
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Mononco Analytical Laboratories
Morgan-Schaffer Corp.
National Draeger, Inc.
National Institute For Petroleum and Energy Research
Nebraska Testing Corp.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Packard Instrument Co., Inc.

Princeton Testing Laboratory, Inc.
Recon Systems, Inc.
SCIEX
Scott Specialty Gases
Sensidyne, Inc.
Shrader Analytical Labs., Inc.
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Stanton Redcroft
Teledyne Analytical Instruments
Teledyne Isotopes
Thermo Analytical, Inc.
Tracor Atlas, Inc.
TRC Advanced Analytics
Truesdail Labs., Inc.
United States Testing Co., Inc.
Universal Sensors
Roy F. Weston, Inc.

GAS CHROMATOGRAPHY/MASS SPECTROMETRY

Abcor, Inc.
Accu-Labs Research, Inc.
Airco Special Gases
American Standards Testing Bureau, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Artesian Labs., Inc.
Ashland Chemical Co.
Associated Laboratories
Baron Consulting Co.
The Boc Group, Inc.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Craven Laboratories, Inc.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Envinte Analytical Services
ESA Laboratories, Inc.
Finnigan MAT Institute
Gollob Analytical Service
Hauser Laboratories
Icon Services, Inc.
Institute for Research, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Packard Instrument Co., Inc.
Princeton Testing Laboratory, Inc.
QuadRex Corp.
Radian Corp.
Recon Systems, Inc.
Recrea Environmental, Inc.
SCIEX
Scott Specialty Gases
Shrader Analytical Labs., Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Suprex Corp.
TEI Analytical, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
TRC Advanced Analytics
Truesdail Labs., Inc.
United States Testing Co., Inc.
Universal Scientific, Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.

GLASS DEVELOPMENT

American Standards Testing Bureau, Inc.
Galileo Electro-Optics Corp.
Kontes
Owens-Illinois Analytical Services
PhotoMetrics, Inc.
Supelco, Inc.

GRAVIMETRY

A & L Agricultural Laboratories
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Baron Consulting Co.
Brandywine Research Laboratory, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
Envinte Analytical Services
ESA Laboratories, Inc.
Galbraith Laboratories, Inc.
Daniel C. Griffith & Co., Ltd.
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Nebraska Testing Corp.
NUS Corp.
OK Labs., Inc.
Princeton Testing Laboratory, Inc.
Recon Systems, Inc.
Safety Specialists, Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
Scott Specialty Gases
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Springborn Labs. Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories

INDUSTRIAL HYGIENE

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Associated Laboratories
Baron Consulting Co.
Burgess Analytical Laboratory
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Eberline Instrument Corp.
Envinte Analytical Services
ESA Laboratories, Inc.
The Foxboro Company
Gollob Analytical Service
Industrial Testing Laboratories, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Monenco Analytical Laboratories
National Draeger, Inc.
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
Nuclear Sources & Services, Inc.

NUS Corp.
Princeton Testing Laboratory, Inc.
Recon Systems, Inc.
Safety Specialists, Inc.
Scott Specialty Gases
Charles M. Shapiro & Sons, P.C.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Structure Probe, Inc.
Supelco, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
TRC Advanced Analytics
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.

KINETICS

American Standards Testing Bureau, Inc.
Crippen Consulting Associates, Inc.
Delsen Testing Labs., Inc.
MEI-Charlton, Inc.
United States Testing Co., Inc.

LABORATORY SAFETY TRAINING PROGRAMS

American Standards Testing Bureau, Inc.
AMSCO/American Sterilizer Co.
Crippen Consulting Associates, Inc.
Geneva Research
IT Analytical Services
Nuclear Sources & Services, Inc.
Scott Specialty Gases

METAL ANALYSIS

general
A & L Agricultural Laboratories
A & L Great Lakes Agricultural Labs., Inc.
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Arro Laboratories, Inc.
Atomergic Chemetals Corp.
Baron Consulting Co.
Beckman Industrial Corp.
Betec Laboratory
Branchemco, Inc.
Breedlove, Dennis & Associates, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science & Engineering Corp.
ESA Laboratories, Inc.
Charles Evans & Associates
Galbraith Laboratories, Inc.
Gollob Analytical Service
Daniel C. Griffith & Co., Ltd.
Hauser Laboratories
Illinois Water Treatment Co.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Koslow Scientific Co.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.

Materials Research Corp.
MEI-Charlton, Inc.
Molecular Structure Corp.
Monenco Analytical Laboratories
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
Noah Chemical
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Philips Export B.V.
PhotoMetrics, Inc.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recrea Environmental, Inc.
Rexham Analytical Services
Rocky Mountain Instrumental Labs., Inc.
Sadtler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
Scott Specialty Gases
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Surface Science Laboratories
Texas Nuclear
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

trace

A & L Agricultural Laboratories
A & L Great Lakes Agricultural Labs., Inc.
Accu-Labs Research, Inc.
Airco Special Gases
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Associated Laboratories
Atomergic Chemetals Corp.
Atomic Energy of Canada Ltd.-Research Co.
Baron Consulting Co.
Beckman Industrial Corp.
The Boc Group, Inc.
Branchemco, Inc.
Breedlove, Dennis & Associates, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science & Engineering Corp.
ESA Laboratories, Inc.
Charles Evans & Associates
Ernest F. Fullam, Inc.
Galbraith Laboratories, Inc.
General Activation Analysis, Inc.
Daniel C. Griffith & Co., Ltd.
Hastings Analytical Laboratory, Inc.
Hauser Laboratories
Illinois Water Treatment Co.
Independent Equipment Corp. (NJ)

Industrial Testing Laboratories, Inc.
Innovative Sensors, Inc.
Institute for Research, Inc.
IT Analytical Services
Koslow Scientific Co.
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Monenco Analytical Laboratories
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
Noah Chemical
Northern Analytical Lab., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Philips Export B.V.
PhotoMetrics, Inc.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Recrea Environmental, Inc.
Rocky Mountain Instrumental Labs., Inc.
Sadtler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
SCIEX
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Surface Science Laboratories
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

METHODS DEVELOPMENT

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Applied Analytical Industries
Arro Laboratories, Inc.
Baron Consulting Co.
Beckman Industrial Corp.
Bioanalytical Systems, Inc.
Brandywine Research Laboratory, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
G. Thomas Cartier
Chemir Laboratories
Colorado Analytical Research and Development Corp.
Core Laboratories
Coulter Electronics, Inc.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
The Electrosynthesis Co.
Environmental Science & Engineering Corp.
ESA Laboratories, Inc.
Charles Evans & Associates
Galbraith Laboratories, Inc.
Galileo Electro-Optics Corp.
Gollob Analytical Service
Greenwood Laboratories
Daniel C. Griffith & Co., Ltd.

Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Hauser Laboratories
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
LC Services Corp.
MEI-Charlton, Inc.
Molecular Probes, Inc.
Monenco Analytical Laboratories
MultiChem Laboratories, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
NUS Corp.
Oneida Research Services, Inc.
Polyhedron Laboratories
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Rocky Mountain Instrumental Labs., Inc.
SCIEX
Scott Specialty Gases
SERES Laboratories, Inc.
Shrader Analytical Labs., Inc.
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Spectrogram Corp.
Springborn Labs. Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.
Zeebac Inc.

MICROANALYSIS

American Standards Testing Bureau, Inc.
Applied Analytical Industries
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Betec Laboratory
Buehler Ltd.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
Environmental Science & Engineering Corp.
Carlo Erba Strumentazione S.p.A.
ESA Laboratories, Inc.
Charles Evans & Associates
Ernest F. Fullam, Inc.
Galbraith Laboratories, Inc.
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Micro-Analysis, Inc.
MultiChem Laboratories, Inc.
NUS Corp.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
The Particle Analysis Lab., Inc.
Perkin-Elmer Corp., Physical Electronics Div.
PhotoMetrics, Inc.
Rexham Analytical Services
Rocky Mountain Instrumental Labs., Inc.
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.

Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Structure Probe, Inc.
Surface Science Laboratories
Thermo Analytical, Inc.
Tousimis
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Xerox Analytical Labs.

MICROSCOPY

American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Applied Analytical Industries
Atomic Energy of Canada Ltd.-Research Co.
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Betec Laboratory
Buehler Ltd.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Delaware Scientific Labs., Inc.
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
Charles Evans & Associates
Ernest F. Fullam, Inc.
Hauser Laboratories
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
Nebraska Testing Corp.
NUS Corp.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
The Particle Analysis Lab., Inc.
Particle Data, Inc.
PhotoMetrics, Inc.
Polyhedron Laboratories
Radian Corp.
Recon Systems, Inc.
Research Devices
Rexham Analytical Services
Scanning Electron Analysis Labs., Inc.
Springborn Labs. Inc.
Structure Probe, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.

NUCLEAR CHEMISTRY

American Standards Testing Bureau, Inc.
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
General Activation Analysis, Inc.
Gollob Analytical Service
Institute for Research, Inc.
Monenco Analytical Laboratories
New England Nuclear
Nuclear Sources & Services, Inc.
Safety Specialists, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
United States Testing Co., Inc.

NUTRITIONAL LABELING ANALYSIS

A & L Agricultural Laboratories
American Standards Testing Bureau, Inc.
Associated Laboratories
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Eastern Laboratory Service Associates
Environmental Science & Engineering Corp.
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
National Food Laboratory
Nebraska Testing Corp.
Herbert V. Shuster, Inc.
Tector, Inc.
TEI Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.

OPTICAL POLISHING

Buck Scientific, Inc.
Buehler Ltd.
Delsen Testing Labs., Inc.
Harrick Scientific Corp.
Janos Technology Inc.
Noah Chemical
Scanning Electron Analysis Labs., Inc.
Sira Ltd.
Union Carbide Corp., Electronics Div.

PARTICLE ANALYSIS SERVICE

American Standards Testing Bureau, Inc.
Babcock & Wilcox, Research and Development Div.
Crippen Laboratories, Inc.
Institute for Research, Inc.
Marco Scientific, Inc.
MEI-Charlton, Inc.
Owens-Illinois Analytical Services
The Particle Analysis Lab., Inc.
PhotoMetrics, Inc.
Rexham Analytical Services
Scanning Electron Analysis Labs., Inc.
Shape Technology, Ltd.
Surface Science Laboratories
Thermo Analytical, Inc.
Truesdail Labs., Inc.
Xerox Analytical Labs.

PARTICLE SIZE MEASUREMENT

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Applied Analytical Industries
Arro Laboratories, Inc.
Atomic Energy of Canada Ltd.-Research Co.
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Buehler Ltd.
Climet Instruments Co.
Coors Spectro-Chemical Lab.
Core Laboratories
Coulter Electronics, Inc.
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Delaware Scientific Labs., Inc.
Duke Scientific Corp.
Carlo Erba Strumentazione S.p.A.
Ernest F. Fullam, Inc.
Industrial Testing Laboratories, Inc.
Marco Scientific, Inc.
MEI-Charlton, Inc.
Micromeritics Instrument Corp.
Monenco Analytical Laboratories
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
NUS Corp.
Owens-Illinois Analytical Services

The Particle Analysis Lab., Inc.
Particle Data, Inc.
PhotoMetrics, Inc.
Polyhedron Laboratories
Porous Materials, Inc.
Quantachrome Corp.
Reade Metals & Minerals Corp.
Recon Systems, Inc.
Rexham Analytical Services
Scanning Electron Analysis Labs., Inc.
Scott Specialty Gases
Charles M. Shapiro & Sons, P.C.
Southern Petroleum Laboratories, Inc.
Structure Probe, Inc.
Surface Science Laboratories
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
TSL, Inc.
United States Testing Co., Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

PETROCHEMICAL ANALYSIS

American Standards Testing Bureau, Inc.
Artesian Labs., Inc.
Baron Consulting Co.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Element Analysis Corp.
ESA Laboratories, Inc.
Galbraith Laboratories, Inc.
Daniel C. Griffith & Co., Ltd.
Hauser Laboratories
Industrial Testing Laboratories, Inc.
MEI-Charlton, Inc.
National Institute For Petroleum and Energy Research
Nebraska Testing Corp.
Oneida Research Services, Inc.
Scanning Electron Analysis Labs., Inc.
SCIEX
Southern Petroleum Laboratories, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
UIC, Inc.
Wyoming Analytical Laboratories

PETROGRAPHIC EXAMINATION

American Standards Testing Bureau, Inc.
Buehler Ltd.
Coors Spectro-Chemical Lab.
Core Laboratories
Industrial Testing Laboratories, Inc.
Walter C. McCrone Associates, Inc.
National Institute For Petroleum and Energy Research
Nuclide Corp.
Nuclide Corp., AGV Div.
The Particle Analysis Lab., Inc.
Scanning Electron Analysis Labs., Inc.
Structure Probe, Inc.
Wyoming Analytical Laboratories

PHARMACEUTICAL ANALYSIS

American Standards Testing Bureau, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Applied Analytical Industries
Baron Consulting Co.
Brandywine Research Laboratory, Inc.
Cambridge Analytical Associates
Colorado Analytical Research and Development Corp.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Eastern Laboratory Service Associates
ESA Laboratories, Inc.

Galbraith Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Lancaster Laboratories, Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
National Food Laboratory
Oneida Research Services, Inc.
Radian Corp.
Rocky Mountain Instrumental Labs., Inc.
Charles Ross & Son Co.
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
Herbert V. Shuster, Inc.
Springborn Labs. Inc.
Thermo Analytical, Inc.
Truesdail Labs., Inc.

PLASTICS

American Standards Testing Bureau, Inc.
Baron Consulting Co.
Beckman Industrial Corp.
Betec Laboratory
Brandywine Research Laboratory, Inc.
Chemir Laboratories
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
Dynatech Scientific, Inc.
Galbraith Laboratories, Inc.
Gollob Analytical Service
Hastings Analytical Laboratory, Inc.
Hauser Laboratories
Industrial Testing Laboratories, Inc.
IT Analytical Services
MEI-Charlton, Inc.
Owens-Illinois Analytical Services
Polyhedron Laboratories
Polysciences, Inc.
Coors Spectro-Chemical Lab.
Scanning Electron Analysis Labs., Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
Springborn Labs. Inc.
Structure Probe, Inc.
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Xerox Analytical Labs.

POROSIMETRY

American Standards Testing Bureau, Inc.
Coors Spectro-Chemical Lab.
Core Laboratories
Carlo Erba Strumentazione S.p.A.
Institute for Research, Inc.
Micromeritics Instrument Corp.
The Particle Analysis Lab., Inc.
Particle Data, Inc.
Porous Materials, Inc.
Quantachrome Corp.
Structure Probe, Inc.
Truesdail Labs., Inc.

PREPARATIVE CHROMATOGRAPHY

gas
Alphagaz Specialty Gases
American Standards Testing Bureau, Inc.
Artesian Labs., Inc.
Baron Consulting Co.
Chem Service, Inc.
Chemsyn Science Laboratories
Core Laboratories
Curtis and Tompkins Laboratories
Gollob Analytical Service
Industrial Testing Laboratories, Inc.
Laucks Testing Labs., Inc.
Manville
MEI-Charlton, Inc.
Morse Labs., Inc.
Packard Instrument Co., Inc.

Princeton Testing Laboratory
Scott Specialty Gases
Truesdail Labs., Inc.
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.

gel permeation

American Standards Testing Bureau, Inc.
Analytical Bio-Chemistry Labs.
Beckman Industrial Corp.
Chrompack International B.V.
Curtis and Tompkins Laboratories
Jordi Associates, Inc.
Laucks Testing Labs., Inc.
LC Services Corp.
Morse Labs., Inc.
National Food Laboratory
Pharmacia, Inc.
Polysciences, Inc.
Recrea Environmental, Inc.
Universal Scientific, Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.
YMC, Inc.

liquid

ABI Analytical/Kratos Div.
AMF Molecular Separations Div.
Baron Consulting Co.
Brandywine Research Laboratory, Inc.
Chemir Laboratories
Chemsyn Science Laboratories
HPLC Technology, Ltd.
Industrial Testing Laboratories
Laucks Testing Labs., Inc.
LC Services Corp.
Morse Labs., Inc.
Pharmacia, Inc.
Phenomenex
Recrea Environmental, Inc.
The Separations Group
Separations Technology
Supelco, Inc.
Universal Scientific, Inc.
Valco Instruments Co., Inc.
Whatman Inc.
Xerox Analytical Labs.
YMC, Inc.

RADIATION

American Standards Testing Bureau, Inc.
Chemsyn Science Laboratories
Eberline Instrument Corp.
Monenco Analytical Laboratories
New England Nuclear
Nuclear Sources & Services
Packard Instrument Co., Inc.
Safety Specialists, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Truesdail Labs., Inc.
Xerox Analytical Labs.

RADIOACTIVE LABELING

Chemsyn Science Laboratories
Eberline Instrument Corp.
New England Nuclear
Nuclear Sources & Services, Inc.
Packard Instrument Co., Inc.
Pathfinder Labs., Inc.
Research Products International Corp.
Wizard Laboratories, Inc.

RADIOANALYTICAL

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Atomic Energy of Canada Ltd.-Research Co.
Chemsyn Science Laboratories
Colorado Analytical Research and Development Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Environmental Science & Engineering Corp.
Kontron AG

Krueger Food Labs., Inc.
Monenco Analytical Laboratories
New England Nuclear
Nuclear Sources & Services, Inc.
NUS Corp.
Pathfinder Labs., Inc.
Radian Corp.
Safety Specialists, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Wizard Laboratories, Inc.

RADIOISOTOPE ANALYSIS

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Atomic Energy of Canada Ltd.-Research Co.
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Environmental Science & Engineering Corp.
Gollob Analytical Service
Kontron AG
LND, Inc.
Monenco Analytical Laboratories
New England Nuclear
Nuclear Sources & Services, Inc.
NUS Corp.
Pathfinder Labs., Inc.
Safety Specialists, Inc.
Shrader Analytical Labs., Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Wizard Laboratories, Inc.

REFRACTIVE INDEX MEASUREMENT

American Standards Testing Bureau, Inc.
Baron Consulting Co.
Beckman Industrial Corp.
R. P. Cargille Labs., Inc.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates
Curtis and Tompkins Laboratories
Industrial Testing Laboratories
Lancaster Laboratories, Inc.
Walter C. McCrone Associates, Inc.
Owens-Illinois Analytical Services
Polyhedron Laboratories
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Tecator, Inc.
Truesdail Labs., Inc.
Xerox Analytical Labs.

R&D, contract

Abcor, Inc.
Accu-Labs Research, Inc.
Alphagaz Specialty Gases
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Anver Bioscience Design, Inc.
Applied Analytical Industries
Atomic Energy of Canada Ltd.-Research Co.
Babcock & Wilcox, Research and Development Div.
J. T. Baker Chemical Co.
Battelle Memorial Institute
Beckman Industrial Corp.
Biomeasure, Inc.
Biomedical Enterprises, Inc.
Cambridge Analytical Associates
Carbolabs
G. Thomas Cartier
Chemir Laboratories
Chemsyn Science Laboratories
Colorado Analytical Research and Development Corp.

Columbia Organic Chemical Co., Inc.
Core Laboratories
Craven Laboratories, Inc.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
Dynatech Scientific, Inc.
Eco Instruments
The Electrosynthesis Co.
Environmental Science & Engineering Corp.
Charles Evans & Associates
Gollob Analytical Service
Daniel C. Griffith & Co., Ltd.
Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Hauser Laboratories
Illinois Water Treatment Co.
Incell Corp.
Institute for Research, Inc.
IT Analytical Services
Jordi Associates, Inc.
Lancaster Laboratories, Inc.
LC Services Corp.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Molecular Probes, Inc.
Molecular Structure Corp.
Monenco Analytical Laboratories
Morgan-Schaffer Corp.
National Draeger, Inc.
National Institute For Petroleum and Energy Research
Nebraska Testing Corp.
Noah Chemical
Nuclear Sources & Services, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Onida Research Services, Inc.
The Particle Analysis Lab., Inc.
PhotoMetrics, Inc.
Polyhedron Laboratories
Polysciences, Inc.
Radian Corp.
Recon Systems, Inc.
Regis Chemical
Rocky Mountain Instrumental Labs., Inc.
Scanning Electron Analysis Labs., Inc.
Schneider Instrument Co.
Scott Specialty Gases
SERES Laboratories, Inc.
Sira Ltd.
Southern Petroleum Laboratories, Inc.
Specialty Organics, Inc.
Spectrix
Spectrogram Corp.
Springborn Labs, Inc.
Structure Probe, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Biochemical Corp.
United States Testing Co., Inc.
Universal Sensors
Vega Biotechnologies, Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.

SCINTILLATION

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Bio-Chemistry Labs., Inc.
Analytical Development Corp.
Cambridge Analytical Associates
Chemsyn Science Laboratories
Colorado Analytical Research and Development Corp.
Eberline Instrument Corp.
Institute for Research, Inc.
Kontron AG
Nuclear Sources & Services, Inc.
NUS Corp.
Packard Instrument Co., Inc.
Polysciences, Inc.
Radian Corp.
Rocky Mountain Instrumental Labs., Inc.

Charles Ross & Son Co.
Safety Specialists, Inc.
Teledyne Isotopes
Thermo Analytical, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Wizard Laboratories, Inc.

SEPARATIONS

distillation
Accu-Labs Research, Inc.
American Burdick and Jackson Labs.
American Standards Testing Bureau, Inc.
Anachemia Chemicals, Inc.
Analytical Development Corp.
Anver Bioscience Design, Inc.
Artesian Labs., Inc.
Barnstead Co.
Baron Consulting Co.
Beckman Industrial Corp.
Cal-Glass For Research, Inc.
Cambridge Analytical Associates
Carbolabs
Chemical Waste Disposal Corp.
Chemir Laboratories
Chem Service, Inc.
Chemsyn Science Laboratories
Columbia Organic Chemical Co., Inc.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
CVC Products, Inc.
General Drug & Chemical Corp.
Gollob Analytical Service
Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Hengar Co. Div.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
King's Laboratory, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Morse Labs., Inc.
National Institute For Petroleum and Energy Research
NUS Corp.
OK Labs., Inc.
Osmo Membrane Systems Div.
Polyhedron Laboratories
Princeton Testing Laboratory
Recon Systems, Inc.
Recrea Environmental, Inc.
Rexham Analytical Services
SERES Laboratories, Inc.
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Specialty Organics, Inc.
Spectrix
Tecator, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
UIC, Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

electrophoresis, two dimensional

American Standards Testing Bureau, Inc.
Pharmacia, Inc.
Rocky Mountain Instrumental Labs., Inc.
Charles Ross & Son Co.

extraction

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
AMF Laboratory Products
Analytical Development Corp.
Anver Bioscience Design, Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
J. T. Baker Chemical Co.
Baron Consulting Co.
Beckman Industrial Corp.
Brandywine Research Laboratory, Inc.

Cambridge Analytical Associates
Carbolabs
Chemir Laboratories
Chem Service, Inc.
Chemsyn Science Laboratories
Colorado Analytical Research and Development Corp.
Columbia Organic Chemical Co., Inc.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Curtis and Tompkins Laboratories
Gollob Analytical Service
Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Industrial Testing Laboratories, Inc.
Kendall Infrared Laboratories
King's Laboratory, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
NUS Corp.
OK Labs., Inc.
Polyhedron Laboratories
Polysciences, Inc.
Princeton Testing Laboratory
Recon Systems, Inc.
Recrea Environmental, Inc.
Rexham Analytical Services
Rocky Mountain Instrumental Labs., Inc.
SERES Laboratories, Inc.
Shrader Analytical Labs., Inc.
Herbert V. Shuster, Inc.
Specialty Organics, Inc.
Spectrix
Suprex Corp.
Tecator, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

ion exchange

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
AMF Laboratory Products
AMF Molecular Separations Div.
Analytical Development Corp.
Branchemco, Inc.
Cambridge Analytical Associates
Chem Service, Inc.
Colorado Analytical Research and Development Corp.
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Greenwood Laboratories
Hydro Service & Supplies, Inc.
Illinois Water Treatment Co.
Industrial Testing Laboratories, Inc.
Interaction Chemicals, Inc.
Lancaster Laboratories, Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
NUS Corp.
OK Labs., Inc.
Osmo Membrane Systems Div.
Pharmacia, Inc.
Polysciences, Inc.
Princeton Testing Laboratory
Recon Systems, Inc.
Rocky Mountain Instrumental Labs., Inc.
Charles Ross & Son Co.
The Separations Group
SERES Laboratories, Inc.
Herbert V. Shuster, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Roy F. Weston, Inc.
Whatman Inc.
Xerox Analytical Labs.

precipitation

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Development Corp.
Arro Laboratories, Inc.
Cambridge Analytical Associates
Carbolabs
Chemir Laboratories
Chem Service, Inc.
Columbia Organic Chemical Co., Inc.
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Hastings Analytical Laboratory, Inc.
Hauser Chemical Research, Inc.
Industrial Testing Laboratories, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
NUS Corp.
OK Labs., Inc.
Princeton Testing Laboratory, Inc.
Recon Systems, Inc.
Herbert V. Shuster, Inc.
Specialty Organics, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories

ultracentrifugation

American Standards Testing Bureau, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
Pharmacia, Inc.

ultrafiltration

American Standards Testing Bureau, Inc.
Barnstead Co.
Bio-Molecular Dynamics
C3 International
Continental Water Systems Corp.
Crippen Consulting Associates, Inc.
Filtron Technology Corp.
Hydro Service & Supplies, Inc.
National Food Laboratory
Osmo Membrane Systems Div.
Rocky Mountain Instrumental Labs., Inc.
Charles Ross & Son Co.
Xerox Analytical Labs.

SPECTROMETRY

acoustic

American Standards Testing Bureau, Inc.
MEI-Charlton, Inc.

atomic absorption

A & L Agricultural Laboratories
A & L Great Lakes Agricultural Labs., Inc.
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Associated Laboratories
Atomergic Chemetals Corp.
Atomic Energy of Canada Ltd.-Research Co.
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Betec Laboratory
Breedlove, Dennis & Associates, Inc.
Buck Scientific, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates

Curtis and Tompkins Laboratories
Detroit Testing Laboratory, Inc.
Eastern Laboratory Service Associates
Eberline Instrument Corp.
EcoChem Analytical & Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science & Engineering Corp.
ESA Laboratories, Inc.
Galbraith Laboratories, Inc.
Daniel C. Griffith & Co., Ltd.
Hauser Laboratories
Illinois Water Treatment Co.
Independent Equipment Corp. (NJ)

Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
MEI-Charlton, Inc.
Monenco Analytical Laboratories
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
New England Nuclear
Northern Analytical Lab., Inc.
NUS Corp.
OK Labs., Inc.
Owens-Illinois Analytical Services
PhotoMetrics, Inc.
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Recra Environmental, Inc.
Rocky Mountain Instrumental Labs., Inc.
Sadtler Research Laboratories
Safety Specialists, Inc.
Schwarzkopf Microanalytical Laboratory, Inc.
Scott Specialty Gases
Herbert V. Shuster, Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.

TRC Advanced Analytics
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

electron spin resonance

American Standards Testing Bureau, Inc.
Crippen Consulting Associates, Inc.

flame emission

A & L Agricultural Laboratories
Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs., Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Associated Laboratories
Babcock & Wilcox, Research and Development Div.
Bailey Controls Co.
Buck Scientific, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories

Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.

Curtis and Tompkins Laboratories
Daniel C. Griffith & Co., Ltd.
Hastings Analytical Laboratory, Inc.
Illinois Water Treatment Co.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
IT Analytical Services
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
Morse Labs., Inc.
National Institute For Petroleum and Energy Research
National Spectrographic Laboratories, Inc.
Nebraska Testing Corp.
NUS Corp.
Owens-Illinois Analytical Services
Philips Export B.V.
PhotoMetrics, Inc.
Princeton Testing Laboratory, Inc.
Process & Instruments Corp.
Radian Corp.
Recra Environmental, Inc.
Rocky Mountain Instrumental Labs., Inc.
Scott Specialty Gases
Southern Petroleum Laboratories, Inc.
Spectrix
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Wyoming Analytical Laboratories

fluorescence

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Analytical Development Corp.
Associated Laboratories
Chemsyn Science Laboratories
Cianflone Scientific Instruments Corp.
Colorado Analytical Research and Development Corp.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Environmental Science & Engineering Corp.
Daniel C. Griffith & Co., Ltd.
Huffman Laboratories, Inc.
Industrial Testing Laboratories, Inc.
Institute for Research, Inc.
Kontron Instruments, Inc.
Lancaster Laboratories, Inc.
McPherson
MEI-Charlton, Inc.
Molecular Probes, Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
Oneida Research Services, Inc.
On-Line Instrument Systems, Inc.
Philips Export B.V.
Polyhedron Laboratories
Polysciences, Inc.
Princeton Testing Laboratory, Inc.
Rocky Mountain Instrumental Labs., Inc.
Scanning Electron Analysis Labs., Inc.
Siemens Energy & Automation, Inc.
Spex Industries, Inc.
Surface Science Laboratories
TEI Analytical, Inc.
Texas Nuclear
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.

Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

inductively coupled plasma

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Associates, Inc.
Babcock & Wilcox, Research and Development Div.
Beckman Industrial Corp.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Crippen Consulting Associates, Inc.
Galbraith Laboratories, Inc.
Industrial Testing Laboratories, Inc.
IT Analytical Services
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates, Inc.
Monenco Analytical Laboratories
National Food Laboratory
National Institute For Petroleum and Energy Research
NUS Corp.
Owens-Illinois Analytical Services
PhotoMetrics, Inc.
Radian Corp.
SCIEX
Thermo Analytical, Inc.
Truesdail Labs., Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

infrared

A & L Great Lakes Agricultural Labs., Inc.
American Standards Testing Bureau, Inc.
Analytical Development Corp.
Anver Bioscience Design, Inc.
Applied Analytical Industries
Arro Laboratories, Inc.
Associated Laboratories
Babcock & Wilcox, Research and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Betec Laboratory
Brandywine Research Laboratory, Inc.
Buck Scientific, Inc.
Burgess Analytical Laboratory
Cambridge Analytical Associates
Chemir Laboratories
Columbia Organic Chemical Co., Inc.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
Delsen Testing Labs., Inc.
Detroit Testing Laboratory, Inc.
EB Associates Labs., Inc.
Finnigan MAT Institute
The Foxboro Company
Gollob Analytical Service
Greenwood Laboratories
Harrick Scientific Corp.
Hastings Analytical Laboratory, Inc.
Hauser Laboratories
Huffman Laboratories, Inc.
Idealab, Inc.
Industrial Testing Laboratories, Inc.
Inficon Leybold-Heraeus, Inc.
Institute for Research, Inc.
IT Analytical Services
Jordi Associates, Inc.
Kendall Infrared Laboratories
Koslow Scientific Co.
Laboratory For Materials, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Mattson Instruments, Inc.
Walter C. McCrone Associates, Inc.
McPherson
MEI-Charlton, Inc.
National Food Laboratory
National Institute For Petroleum and Energy Research

National Spectrographic Laboratories, Inc.
NUS Corp.
OK Labs., Inc.
On-Line Instrument Systems, Inc.
Owens-Illinois Analytical Services
Polyhedron Laboratories
Princeton Testing Laboratory, Inc.
Radian Corp.
Recon Systems, Inc.
Recra Environmental, Inc.
Research Devices
Rexham Analytical Services
Rocky Mountain Instrumental Labs., Inc.
Sadtler Research Laboratories
Scanning Electron Analysis Labs., Inc.
Scott Specialty Gases
Herbert V. Shuster, Inc.
Sira Ltd.
Southern Petroleum Laboratories, Inc.
Springborn Labs. Inc.
Surface Science Laboratories
TEI Analytical, Inc.
Teledyne Analytical Instruments
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical Laboratories
Xerox Analytical Labs.

mass

Accu-Labs Research, Inc.
American Standards Testing Bureau, Inc.
Analytical Development Corp.
Applied Analytical Industries
Associated Laboratories
Atomergic Chemetals Corp.
Atomic Energy of Canada Ltd.-Research Co.
Bailey Controls Co.
Baron Consulting Co.
Cambridge Analytical Associates
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Consulting Associates, Inc.
Curtis and Tompkins Laboratories
CVC Products, Inc.
Envinte Analytical Services
Charles Evans & Associates
Finnigan MAT Institute
Gollob Analytical Service
Hauser Laboratories
Icon Services, Inc.
Inficon Leybold-Heraeus, Inc.
Institute for Research, Inc.
IT Analytical Services
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Mattson Instruments, Inc.
Morgan-Schaffer Corp.
National Institute For Petroleum and Energy Research
Northern Analytical Lab., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Oneida Research Services, Inc.
Owens-Illinois Analytical Services
Princeton Testing Laboratory, Inc.
Process & Instruments Corp.
Radian Corp.
Recra Environmental, Inc.
Rocky Mountain Instrumental Labs., Inc.
Scanning Electron Analysis Labs., Inc.
SCIEX
Shrader Analytical Labs., Inc.
Southern Petroleum Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Stanton Redcroft
TEI Analytical, Inc.
Teledyne Isotopes

Thermionics Laboratory, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
TRC Advanced Analytics
Truesdall Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Xerox Analytical Labs.

microwave

American Standards Testing
Bureau, Inc.
Crippen Consulting Associates,
Inc.
Industrial Testing Laboratories,
Inc.

near infrared reflectance

A & L Agricultural Laboratories
American Standards Testing
Bureau, Inc.
Crippen Consulting Associates,
Inc.
Eastern Laboratory Service
Associates
Institute for Research, Inc.
On-Line Instrument Systems,
Inc.
Owens-Illinois Analytical
Services
Surface Science Laboratories
Xerox Analytical Labs.

**nuclear magnetic
resonance**

American Standards Testing
Bureau, Inc.
Baron Consulting Co.
Biomeasure, Inc.
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Hastings Analytical Laboratory,
Inc.
LND, Inc.
Morgan-Schaffer Corp.
National Institute For Petroleum
and Energy Research
New England Nuclear
Norell, Inc.
Nuclear Associates
Polyhedron Laboratories
Sadtler Research Laboratories
Spectral Data Services, Inc.

**nuclear quadrupole
resonance**

American Standards Testing
Bureau, Inc.

Raman

American Standards Testing
Bureau, Inc.
Chemir Laboratories
Crippen Consulting Associates,
Inc.
Walter C. McCrone Associates,
Inc.
On-Line Instrument Systems,
Inc.
Spex Industries, Inc.
Structure Probe, Inc.

ultraviolet

Accu-Labs Research, Inc.
American Standards Testing
Bureau, Inc.
Analytical Associates, Inc.
Analytical Development Corp.
Anver Bioscience Design, Inc.
Applied Analytical Industries
Artesian Labs., Inc.
Associated Laboratories
Baron Consulting Co.
Brandywine Research
Laboratory, Inc.
Buck Scientific, Inc.
Burgess Analytical Laboratory
Cambridge Analytical
Associates
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Curtis and Tompkins
Laboratories
Detroit Testing Laboratory, Inc.
The Electrosynthesis Co.

Environmental Science &
Engineering Corp.
ESA Laboratories, Inc.
Greenwood Laboratories
Daniel C. Griffith & Co., Ltd.
Harrick Scientific Corp.
Hauser Laboratories
Illinois Water Treatment Co.
Industrial Testing Laboratories,
Inc.

Institute for Research, Inc.
IT Analytical Services
Jordi Associates, Inc.
Kendall Infrared Laboratories
Kontron Instruments, Inc.
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
McPherson
MEI-Charlton, Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Institute For Petroleum
and Energy Research
National Spectrographic
Laboratories, Inc.
NUS Corp.
OK Labs., Inc.
On-Line Instrument Systems,
Inc.
Owens-Illinois Analytical
Services
Perkin-Elmer Corp., Physical
Electronics Div.
Polyhedron Laboratories
Princeton Testing Laboratory,
Inc.
Process & Instruments Corp.
Radian Corp.
Rexham Analytical Services
Rocky Mountain Instrumental
Labs., Inc.
Rudolph Instruments, Inc.
Sadtler Research Laboratories
Herbert V. Shuster, Inc.
Sira Ltd.
Southern Petroleum
Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
TEI Analytical, Inc.
Teledyne Analytical Instruments
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting,
Inc.
Truesdall Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories
Zeebac Inc.

visible

A & L Agricultural Laboratories
Accu-Labs Research, Inc.
American Standards Testing
Bureau, Inc.
Analytical Associates, Inc.
Analytical Development Corp.
Anver Bioscience Design, Inc.
Applied Analytical Industries
Artesian Labs., Inc.
Associated Laboratories
Baron Consulting Co.
Brandywine Research
Laboratory, Inc.
Buck Scientific, Inc.
Burgess Analytical Laboratory
Cambridge Analytical
Associates
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Curtis and Tompkins
Laboratories
Detroit Testing Laboratory, Inc.
The Electrosynthesis Co.
Environmental Science &
Engineering Corp.
ESA Laboratories, Inc.
General Drug & Chemical Corp.
Greenwood Laboratories
Daniel C. Griffith & Co., Ltd.
Harrick Scientific Corp.
Hauser Laboratories
Hunter Associates Laboratory,
Inc.

Idealab, Inc.
Illinois Water Treatment Co.
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
IT Analytical Services
Jordi Associates, Inc.
Kendall Infrared Laboratories
Kontron Instruments, Inc.
Krueger Food Labs., Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
McPherson
MEI-Charlton, Inc.
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Institute For Petroleum
and Energy Research
Nebraska Testing Corp.
OK Labs., Inc.
On-Line Instrument Systems,
Inc.
Owens-Illinois Analytical
Services
Polyhedron Laboratories
Princeton Testing Laboratory,
Inc.
Process & Instruments Corp.
Recon Systems, Inc.
Rexham Analytical Services
Rocky Mountain Instrumental
Labs., Inc.
Sadtler Research Laboratories
Safety Specialists, Inc.
Herbert V. Shuster, Inc.
Sira Ltd.
Southern Petroleum
Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
TEI Analytical, Inc.
Teledyne Analytical Instruments
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting,
Inc.
Truesdall Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories
Zeebac Inc.

x-ray diffraction

American Standards Testing
Bureau, Inc.
Atomerigic Chemicals Corp.
Atomic Energy of Canada Ltd.-
Research Co.
Babcock & Wilcox, Research
and Development Div.
Beckman Industrial Corp.
Burgess Analytical Laboratory
Coors Spectro-Chemical Lab.
Core Laboratories
Crystallitics Co.
Ernest F. Fullam, Inc.
Huffman Laboratories, Inc.
Institute for Research, Inc.
LND, Inc.
Walter C. McCrone Associates,
Inc.
Molecular Structure Corp.
National Bureau of Standards
Noah Chemical
Nuclear Associates
NUS Corp.
Oneida Research Services, Inc.
Owens-Illinois Analytical
Services
Philips Export B.V.
PhotoMetrics, Inc.
Princeton Testing Laboratory,
Inc.
Scanning Electron Analysis
Labs., Inc.
Siemens Energy & Automation,
Inc.
Structure Probe, Inc.
Thermo Analytical, Inc.
Truesdall Labs., Inc.
United States Testing Co., Inc.
Xerox Analytical Labs.

x-ray energy

American Standards Testing
Bureau, Inc.
Babcock & Wilcox, Research
and Development Div.
Beckman Industrial Corp.
Coors Spectro-Chemical Lab.
Eberline Instrument Corp.

Element Analysis Corp.
Charles Evans & Associates
LND, Inc.
Walter C. McCrone Associates,
Inc.
MEI-Charlton, Inc.
Oneida Research Services, Inc.
Owens-Illinois Analytical
Services
PhotoMetrics, Inc.
Rexham Analytical Services
Rocky Mountain Instrumental
Labs., Inc.
Scanning Electron Analysis
Labs., Inc.
Structure Probe, Inc.
Surface Science Laboratories
Tousimis

x-ray emission

American Standards Testing
Bureau, Inc.
Babcock & Wilcox, Research
and Development Div.
Cianflone Scientific Instruments
Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Curtis and Tompkins
Laboratories
Element Analysis Corp.
Gollob Analytical Service
Daniel C. Griffith & Co., Ltd.
Institute for Research, Inc.
LND, Inc.
National Spectrographic
Laboratories, Inc.
NUS Corp.
Philips Export B.V.
PhotoMetrics, Inc.
Princeton Testing Laboratory
Scanning Electron Analysis
Labs., Inc.
Siemens Energy & Automation,
Inc.
Structure Probe, Inc.
Surface Science Laboratories
Tousimis
Truesdall Labs., Inc.
United States Testing Co., Inc.
Wyoming Analytical
Laboratories
Xerox Analytical Labs.

**SURFACE AREA
MEASUREMENT**

American Standards Testing
Bureau, Inc.
Beckman Industrial Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Consulting Associates,
Inc.
Duke Scientific Corp.
Carlo Erba Strumentazione
S.p.A.
Gaertner Scientific Corp.
Institute for Research, Inc.
MEI-Charlton, Inc.
Micromeritics Instrument Corp.
National Bureau of Standards
National Institute For Petroleum
and Energy Research
Oneida Research Services, Inc.
Owens-Illinois Analytical
Services
The Particle Analysis Lab., Inc.
Particle Data, Inc.
Porous Materials, Inc.
Quantachrome Corp.
Sloan Technology Corp.
Structure Probe, Inc.
Truesdall Labs., Inc.

**SURFACE CHEMICAL
ANALYSIS**

**electron spectroscopy for
chemical analysis**
American Standards Testing
Bureau, Inc.
Atomic Energy of Canada Ltd.-
Research Co.
Core Laboratories
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
Walter C. McCrone Associates,
Inc.
MEI-Charlton, Inc.
National Food Laboratory
Perkin-Elmer Corp., Physical
Electronics Div.

PhotoMetrics, Inc.
Radian Corp.
Scanning Electron Analysis
Labs., Inc.
Springborn Labs. Inc.
Structure Probe, Inc.
Surface Science Laboratories
Xerox Analytical Labs.

Auger spectroscopy

American Standards Testing
Bureau, Inc.
Atomic Energy of Canada Ltd.-
Research Co.
Babcock & Wilcox, Research
and Development Div.
Charles Evans & Associates
3M Co., Analytical Systems
Walter C. McCrone Associates,
Inc.
Oneida Research Services, Inc.
Perkin-Elmer Corp., Physical
Electronics Div.
PhotoMetrics, Inc.
Scanning Electron Analysis
Labs., Inc.
Structure Probe, Inc.
Surface Science Laboratories
Xerox Analytical Labs.

ion scattering spectrometry

American Standards Testing
Bureau, Inc.
3M Co., Analytical Systems
Nuclide Corp.
Nuclide Corp., AGV Div.
Perkin-Elmer Corp., Physical
Electronics Div.
PhotoMetrics, Inc.
Structure Probe, Inc.
Xerox Analytical Labs.

**secondary ion mass
spectrometry**

American Standards Testing
Bureau, Inc.
Beckman Industrial Corp.
Core Laboratories
Charles Evans & Associates
3M Co., Analytical Systems
Walter C. McCrone Associates
Northern Analytical Lab., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
Oneida Research Services, Inc.
Perkin-Elmer Corp., Physical
Electronics Div.
PhotoMetrics, Inc.
Scanning Electron Analysis
Labs., Inc.
Structure Probe, Inc.
Thornton Laboratories, Inc.
Xerox Analytical Labs.

SYNTHESIS

general

Alfa Products
American Standards Testing
Bureau, Inc.
Ames Laboratories
Angus Chemical Co.
Anver Bioscience Design, Inc.
Ash Stevens Inc.
J. T. Baker Chemical Co.
Calbiochem
Biochemicals/Behring
Diagnostics
Carbolabs
Chemical Dynamics Corp.
Chem Service, Inc.
Chemsyn Science Laboratories
Columbia Organic Chemical Co.,
Inc.
Curtis and Tompkins
Laboratories
Eastman Kodak Co.
The Electrosynthesis Co.
Farchan Laboratories, Inc.
Foxboro Analabs
Frinton Labs.
General Drug & Chemical Corp.
Hach Co.
Hauser Chemical Research, Inc.
Heico Chemicals Div.
Hexcel/Fine Organics
Icon Services, Inc.
Incell Corp.
Karl Industries, Inc.
King's Laboratory, Inc.
Lancaster Laboratories, Inc.
LC Services Corp.
Merck Sharp & Dohme/Isotopes
Molecular Probes, Inc.

OK Labs., Inc.
Pathfinder Labs., Inc.
Pfaltz & Bauer, Inc.
Pierce Chemical Co.
Polyhedron Laboratories
Polysciences, Inc.
Pressure Chemical Co.
Recon Systems, Inc.
Regis Chemical
Rocky Mountain Instrumental
Labs., Inc.
SERES Laboratories, Inc.
Solutions Plus, Inc.
Specialty Organics, Inc.
Spex Industries, Inc.
Springborn Labs. Inc.
Stohler/KOR Stable Isotopes
Strem Chemicals, Inc.
Ultra-Scientific
United States Biochemical Corp.
The Upjohn Co., Fine Chemical
Marketing
Vega Biotechnologies, Inc.
Wizard Laboratories, Inc.
Xerox Analytical Labs.

radioactive compounds
Anver Bioscience Design, Inc.
Chemsyn Science Laboratories
ICN Biomedicals
New England Nuclear
Nuclear Sources & Services,
Inc.
Pathfinder Labs., Inc.
Radian Corp.
Research Products International
Corp.
Stohler/KOR Stable Isotopes
Wizard Laboratories, Inc.

stable isotope compounds
Cambridge Isotope Labs.
Chemsyn Science Laboratories
Icon Services, Inc.
Merck Sharp & Dohme/Isotopes
OK Labs., Inc.
SERES Laboratories, Inc.

THERMAL ANALYSIS

differential scanning calorimetry

American Standards Testing
Bureau, Inc.
Atomic Energy of Canada Ltd.-
Research Co.
Baron Consulting Co.
Beckman Industrial Corp.
Betc Laboratory
Chemsyn Science Laboratories
Coors Spectro-Chemical Lab.
Core Laboratories
Delsen Testing Labs., Inc.
EB Associates Labs., Inc.
IT Analytical Services
MEI-Charlton, Inc.
National Institute For Petroleum
and Energy Research
Netzsch Inc.
Owens-Illinois Analytical
Services
Polyhedron Laboratories
Rexham Analytical Services
Springborn Labs. Inc.
Stanton Redcroft
Structure Probe, Inc.
Theta Industries, Inc.
Xerox Analytical Labs.

differential thermal analysis

American Standards Testing
Bureau, Inc.
Atomic Energy of Canada Ltd.-
Research Co.
Baron Consulting Co.
Beckman Industrial Corp.
Coors Spectro-Chemical Lab.
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.

Harpor Industries, Inc.
Institute for Research, Inc.
IT Analytical Services
MEI-Charlton, Inc.
National Institute For Petroleum
and Energy Research
Netzsch Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
The Edward Orton Jr. Ceramic
Foundation
Owens-Illinois Analytical
Services
Sadtler Research Laboratories
Springborn Labs. Inc.
Stanton Redcroft
Structure Probe, Inc.
Theta Industries, Inc.
Truesdail Labs., Inc.
UTI Instruments Co.
Xerox Analytical Labs.

thermal conductivity
American Standards Testing
Bureau, Inc.

Baron Consulting Co.
Core Laboratories
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.
Gollob Analytical Service
Hauser Laboratories
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
MEI-Charlton, Inc.
National Bureau of Standards
The Edward Orton Jr. Ceramic
Foundation
Owens-Illinois Analytical
Services
Rutherford Research
Scott Specialty Gases
Structure Probe, Inc.
Theta Industries, Inc.
Truesdail Labs., Inc.

thermal expansion
American Standards Testing
Bureau, Inc.

Baron Consulting Co.
Beckman Industrial Corp.
Coors Spectro-Chemical Lab.
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.
Harpor Industries, Inc.
Hauser Laboratories
MEI-Charlton, Inc.
National Bureau of Standards
Netzsch Inc.
The Edward Orton Jr. Ceramic
Foundation
Owens-Illinois Analytical
Services
Rutherford Research
Stanton Redcroft
Structure Probe, Inc.
Theta Industries, Inc.

thermogravimetric analysis

American Standards Testing
Bureau, Inc.
Atomic Energy of Canada Ltd.-
Research Co.
Baron Consulting Co.
Beckman Industrial Corp.
Betc Laboratory
Coors Spectro-Chemical Lab.
Delsen Testing Labs., Inc.
Harpor Industries, Inc.
Institute for Research, Inc.
IT Analytical Services
National Institute For Petroleum
and Energy Research
Netzsch Inc.
OK Labs., Inc.
The Edward Orton Jr. Ceramic
Foundation
Owens-Illinois Analytical
Services
Rexham Analytical Services
Sadtler Research Laboratories
SCIEX

Springborn Labs. Inc.
Stanton Redcroft
Structure Probe, Inc.
Theta Industries, Inc.
Truesdail Labs., Inc.

thermometric titrations
American Standards Testing
Bureau, Inc.
National Institute For Petroleum
and Energy Research
Truesdail Labs., Inc.

TITRIMETRY

A & L Agricultural Laboratories
Accu-Labs Research, Inc.
American Standards Testing
Bureau, Inc.
Analytical Associates, Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Baron Consulting Co.
Brandywine Research
Laboratory, Inc.
Burgess Analytical Laboratory
Coors Spectro-Chemical Lab.
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Curtis and Tompkins
Laboratories
Eastern Laboratory Service
Associates
Envinte Analytical Services
General Drug & Chemical Corp.
Daniel C. Griffith & Co., Ltd.
Huffman Laboratories, Inc.
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
IT Analytical Services
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
MultiChem Laboratories, Inc.
National Institute For Petroleum
and Energy Research
Nebraska Testing Corp.
NUS Corp.
OK Labs., Inc.
Princeton Testing Laboratory,
Inc.
Recon Systems, Inc.
Rexham Analytical Services
Sanda, Inc.
Schwarzkopf Microanalytical
Laboratory, Inc.
Herbert V. Shuster, Inc.
Southern Petroleum
Laboratories, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories

Recon Systems, Inc.
Rexham Analytical Services
Sanda, Inc.
Schwarzkopf Microanalytical
Laboratory, Inc.
Herbert V. Shuster, Inc.
Southern Petroleum
Laboratories, Inc.
TEI Analytical, Inc.
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories

VISCOSITY MEASUREMENT

American Standards Testing
Bureau, Inc.
Arro Laboratories, Inc.
Babcock & Wilcox, Research
and Development Div.
Baron Consulting Co.
Beckman Industrial Corp.
Bohlin Reologi AB
Brandywine Research
Laboratory, Inc.
Brookfield Engineering Labs.,
Inc.
R. P. Cargille Labs., Inc.
Coors Spectro-Chemical Lab.

Core Laboratories
Crippen Laboratories, Inc.
Curtis and Tompkins
Laboratories
Delsen Testing Labs., Inc.
Dynatech Scientific, Inc.
Galbraith Laboratories, Inc.
Hastings Analytical Laboratory,
Inc.
Hauser Laboratories
Idealab, Inc.
Illinois Water Treatment Co.
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
MEI-Charlton, Inc.
National Food Laboratory
National Institute For Petroleum
and Energy Research
Nebraska Testing Corp.
Norcross Corp.
OK Labs., Inc.
Owens-Illinois Analytical
Services
Polyhedron Laboratories
Princeton Testing Laboratory,
Inc.
Rexham Analytical Services
Rocky Mountain Instrumental
Labs., Inc.
Schwarzkopf Microanalytical
Laboratory, Inc.
Herbert V. Shuster, Inc.
Sira Ltd.
Southern Petroleum
Laboratories, Inc.
Springborn Labs. Inc.
TEI Analytical, Inc.
Testing Machines, Inc.
Thermo Analytical, Inc.
Theta Industries, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting,
Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories
Xerox Analytical Labs.

WATER ANALYSIS

A & L Agricultural Laboratories
A & L Great Lakes Agricultural
Labs., Inc.
Accu-Labs Research, Inc.
American Standards Testing
Bureau, Inc.
Analytical Associates, Inc.
Analytical Bio-Chemistry Labs.,
Inc.
Arro Laboratories, Inc.
Artesian Labs., Inc.
Associated Laboratories
Atomic Energy of Canada Ltd.-
Research Co.
Baron Consulting Co.
Branchmoo, Inc.
Breedlove, Dennis & Associates,
Inc.
Burgess Analytical Laboratory
Cambridge Analytical
Associates
Continental Water Systems
Corp.
Coors Spectro-Chemical Lab.
Core Laboratories
Crippen Laboratories, Inc.
Crippen Consulting Associates,
Inc.
Culligan International Co.
Curtis and Tompkins
Laboratories
Eastern Laboratory Service
Associates
Eberline Instrument Corp.

EcoChem Analytical &
Consulting Labs., Inc.
Element Analysis Corp.
Envinte Analytical Services
Environmental Science &
Engineering Corp.
Carlo Erba Strumentazione
S.p.A.
ESA Laboratories, Inc.
Finnigan MAT Institute
The Foxboro Company
Galbraith Laboratories, Inc.
General Drug & Chemical Corp.
Gollob Analytical Service
Hauser Laboratories
Huffman Laboratories, Inc.
Hydro Service & Supplies, Inc.
Illinois Water Treatment Co.
Independent Equipment Corp.
(NJ)
Industrial Testing Laboratories,
Inc.
Institute for Research, Inc.
IT Analytical Services
Kendall Infrared Laboratories
Lancaster Laboratories, Inc.
Laucks Testing Labs., Inc.
Walter C. McCrone Associates,
Inc.
MEI-Charlton, Inc.
Monenco Analytical
Laboratories
Morse Labs., Inc.
MultiChem Laboratories, Inc.
National Bureau of Standards
National Food Laboratory
National Institute For Petroleum
and Energy Research
National Spectrographic
Laboratories, Inc.
Nebraska Testing Corp.
Noah Chemical
Northern Analytical Lab., Inc.
Nuclide Corp.
Nuclide Corp., AGV Div.
NUS Corp.
OK Labs., Inc.
Osmo Membrane Systems Div.
Polyhedron Laboratories
Princeton Testing Laboratory,
Inc.
Radian Corp.
Recon Systems, Inc.
Safety Specialists, Inc.
Schneider Instrument Co.
Schwarzkopf Microanalytical
Laboratory, Inc.
Sensidyne, Inc.
Shrader Analytical Labs., Inc.
Herbert V. Shuster, Inc.
Southern Petroleum
Laboratories, Inc.
Spectrix
Springborn Labs. Inc.
Tector, Inc.
TEI Analytical, Inc.
Teledyne Analytical Instruments
Thermo Analytical, Inc.
Thornton Laboratories, Inc.
Townley Research & Consulting,
Inc.
Truesdail Labs., Inc.
United States Testing Co., Inc.
Roy F. Weston, Inc.
Wyoming Analytical
Laboratories

ZONE REFINING

American Standards Testing
Bureau, Inc.
Atomergic Chemetals Corp.
Chem Service, Inc.
Crippen Consulting Associates,
Inc.
Noah Chemical

Meetings

Meetings are listed by date of meeting. Information given includes subject of meeting, place, and sponsoring organization.

1987

August 24-28

6TH INTERNATIONAL CONFERENCE ON FOURIER TRANSFORM SPECTROSCOPY

Place: Vienna, Austria. Contact: INTERCONVENTION, P. O. Box 80, A-1107 Vienna, Austria

August 25-30

VIII INTERNATIONAL CONFERENCE ON COMPUTERS IN CHEMICAL RESEARCH AND EDUCATION

Place: Beijing, China. Contact: Cheng Qian, 8th ICCCRE Organizing Committee, c/o Shanghai Institute of Organic Chemistry, 345 Lingling Rd., Shanghai, China.

August 30-September 4

194TH ACS NATIONAL MEETING

Place: New Orleans, LA. Contact: B. R. Hodson, American Chemical Society, 1155 16th St., N.W., Washington, D.C. 20036

August 30-September 4

EUROPEAN CONFERENCE ON MOLECULAR SPECTROSCOPY

Place: Amsterdam, The Netherlands. Contact: Municipal Congress Bureau, Oudezijds Achterburgwal 199, P.O. Box 2289, NL-1000 CG Amsterdam, The Netherlands.

September 7-11

EUROANALYSIS VI

Place: Paris, France. Contact: GAMS, 88 Boulevard Malesherbes, 75008 Paris, France.

September 8-10

24TH INTERNATIONAL SYMPOSIUM ON ADVANCES IN CHROMATOGRAPHY

Place: West Berlin, F.R.G. Contact: Albert Zlatkis, Chemistry Department, University of Houston, Houston, TX 77004

September 8-10

101ST AOAC ANNUAL INTERNATIONAL MEETING AND EXHIBITION

Place: San Francisco, CA. Contact: Margaret Ridgell, AOAC, 1111 N. 19th St., Arlington, VA 22209

September 13-18

26TH ANNUAL EASTERN ANALYTICAL SYMPOSIUM AND EXHIBIT

Place: New York, NY. Contact: J. P. Luongo, AT&T Bell Laboratories, Room 1A-352, Murray Hill, NJ 07974

September 14-17

101ST ANNUAL INTERNATIONAL MEETING & EXHIBITION

Place: Cathedral Hill Hotel, San Francisco, CA. Contact: Margaret, AOAC, 1111 North 19th St., Suite 210, Arlington, VA 22209

September 14-18

ELECTROCHEMISTRY FOR NEW MATERIALS—NEW MATERIALS FOR ELECTROCHEMISTRY

Place: Maastricht, The Netherlands. Contact: W. Visscher, Laboratory for Electrochemistry, Department of Chemical Technology, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands.

September 14-19

10TH COLLOQUIUM ON HIGH-RESOLUTION MOLECULAR SPECTROSCOPY

Place: Dijon, France. Contact: Laboratoire de Physique Moléculaire et Optique Atmosphérique, 8011 Orsay Cedex, France

September 15-18

6TH INTERNATIONAL CONFERENCE ON CHEMISTRY FOR PROTECTION OF THE ENVIRONMENT

Place: Torino, Italy. Contact: C. Sarzanini, Dipartimento di Chimica Analitica, Via P. Giuria 5, 10125 Torino, Italy.

September 22-25

4TH INTERNATIONAL SYMPOSIUM ON INSTRUMENTAL THIN-LAYER CHROMATOGRAPHY (PLANAR CHROMATOGRAPHY)

Place: Selvino, Italy. Contact: Helmut Trautler, Nestec, Nestle Research Dept., CH-1800 Vevey, Switzerland

September 23

SYMPOSIUM ON THE USE OF REFERENCE MATERIALS IN THE METALS ANALYSIS LABORATORY

Place: Savannah, GA. Contact: Norma Botone, Union Carbide Corp., 12900 Snow Rd., Parma, OH 44130 or Mary Ann Worthington, Handy and Harman, 1770 King's Hwy., P.O. Box 610, Fairfield, CT 06430

September 23-25

INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL AND BIOMEDICAL ANALYSIS

Place: Barcelona, Spain. Contact: Emilio Gelpi, Palacio de Congresos, Dept. Convenciones y Congresos, Avda. Reina M. Cristina, s/n. 08004, Barcelona, Spain.

September 27-30

16TH ANNUAL CONFERENCE OF THE NORTH AMERICAN THERMAL ANALYSIS SOCIETY

Place: Washington, D.C. Contact: Benoy Chowdhury, M&T Chemicals, P.O. Box 1104, Rahway, NJ 07065

September 28-30

INTERNATIONAL SYMPOSIUM ON APPLIED MASS SPECTROMETRY IN THE HEALTH SCIENCES

Place: Barcelona, Spain. Contact: Emilio Gelpi, Palacio de Congresos, Dept. Convenciones y Congresos, Avda. Reina M. Cristina, s/n. 08004, Barcelona, Spain.

September 28-October 1

SYMPOSIUM ON ACCURACY IN TRACE ANALYSIS—ACCOMPLISHMENTS, GOALS, CHALLENGES

Place: Gaithersburg, Md. Contact: Kathy Stang, National Bureau of Standards, A353 Physics Bldg., Gaithersburg, MD 20899

September 28-October 1

LASER AND OPTICAL REMOTE SENSING: INSTRUMENTATION AND TECHNIQUES

Place: Cape Cod, MA. Contact: Optical Society of America, Meetings Dept., 1816 Jefferson Pl., N.W., Washington, D.C. 20036

October 1-2

FIRST INTERNATIONAL SYMPOSIUM ON SUPERCRITICAL FLUID CHROMATOGRAPHY

Place: Pittsburgh, PA. Contact: Robinson Khosah, Aluminum Co. of America, Alcoa Technical Center, Alcoa Center, PA 15069

October 4-9

FEDERATION OF ANALYTICAL CHEMISTRY AND SPECTROSCOPY SOCIETIES (FACSS XIV)

Place: Detroit, MI. Contact: Steve Swarin, Publicity Chairman, Analytical Chemistry Dept., General Motors Research Labs, Warren, MI 48090-9055

October 13-15

ANALYTICON '87

Place: London, U.K. Contact: Scientific Symposia, Ltd., 33-35 Bowling Green La., London, U.K. EC1R 0DA

October 14-16

5TH SYMPOSIUM ON ION CHROMATOGRAPHY

Place: Sils-Maria, Switzerland. Contact: Workshop Office IAEAC, M. Frei-Hausler, Postfach 46, CH-4123 Allschwil 2, Switzerland

October 19-23

EUROPEAN CONFERENCE ON APPLICATIONS OF SURFACE AND INTERFACE ANALYSIS

Place: Fellbach, F.R.G. Contact: U. Nagorny, Max Planck Institut für Metallforschung, Institut für Werkstoffwissenschaften, Seestr. 92, D-7000 Stuttgart 1, F.R.G.

October 20-21

AOAC EUROPE VI

Place: Hoffmann-LaRoche Amphitheatre, Paris, France. Contact: Margreet Lauwaars, P.O. Box 153, 6720 AD Bennekom, The Netherlands

October 20-22

30TH CONFERENCE ON ANALYTICAL CHEMISTRY IN ENERGY TECHNOLOGY

Place: Knoxville, TN. Contact: W. R. Laing, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, TN. 37831-6127

October 20-22

3RD SYMPOSIUM ON THE ANALYSIS OF STEROIDS

Place: Sopron, Hungary. Contact: S. Gorog, Hungarian Chemical Society, H-1061 Budapest, Anker Koz 1, Hungary

October 20-23

SECOND BEIJING CONFERENCE AND EXHIBITION ON INSTRUMENTAL ANALYSIS

Place: Beijing, China. Contact: Program Chairman, Room 4311, Beijing Exhibition Centre Hotel, Beijing, China.

October 28-30

PACIFIC CONFERENCE ON CHEMISTRY AND SPECTROSCOPY

Place: Irvine, CA. Contact: Don Frankel (714-364-0492) or Robert Belloli (714-773-3621)

October 28-30

23RD WESTERN REGIONAL MEETING

Place: Irvine Hilton & Towers, Irvine, CA. Contact: R. C. Belloli, California State U, Chemistry & Biochemistry Dept., Fullerton, CA 92634

November 2-4

7TH INTERNATIONAL SYMPOSIUM ON HPLC OF PROTEINS, PEPTIDES, AND POLYNUCLEOTIDES

Place: Washington, D.C. Contact: Shirley Schlessinger, Symposium Manager, 400 E. Randolph, Chicago, IL 60601

November 3-6

39TH SOUTHEASTERN REGIONAL MEETING

Place: Sheraton-Twin Towers, Orlando, FL. Contact: M. D. Hampton, U of Central Florida, Dept. of Chemistry, Orlando, FL 32816

November 4-6

22ND MIDWEST REGIONAL MEETING

Place: Ramada-Broadview Hotel, Wichita, KS. Contact: P. G. Wahlbeck, Wichita State U, Chemistry Dept., Wichita, KS 67206

November 8-11

17TH NORTHEAST REGIONAL MEETING

Place: Convention Center, Rochester, NY. Contact: O. Hinsvark, Pennwalt Corp., Pharmaceutical Div., 775 Jefferson Rd., Rochester, NY 14623

November 8-12

6TH INTERNATIONAL CONGRESS ON APPLICATIONS OF LASERS AND ELECTROOPTICS, ICALOE '87

Place: San Diego, CA. Contact: Laser Institute of America, 5151 Monroe St., Suite 102W, Toledo, OH 43623

November 9-13

OSA ANNUAL MEETING AND EXHIBIT

Place: Philadelphia, PA. Contact: Optical Society of America, 1816 Jefferson Pl., N.W., Washington, D.C. 20036

November 11-13

3RD INTERNATIONAL BIOMEDICAL HIGH TECHNOLOGY CONFERENCE

Place: Columbus, OH. Contact: Louise Larew, OSU Conferences and Institutes, P.O. Box 21878, Columbus, OH 43221

November 26-28

ADVANCED TECHNOLOGY AND BIOTECHNOLOGY FOR THE CLINICAL LABORATORY

Place: Milan, Italy. Contact: Scientific Secretariat, ATB, Via C. Farini, 70, 20159 Milan, Italy.

December 2-4

43RD SOUTHWEST REGIONAL MEETING

Place: Little Rock, AR. Contact: D. Royce, 3118 Breckenridge Dr., Little Rock, AR 72207

1988

January 20-22

35TH ANNUAL CONFERENCE OF THE WESTERN SPECTROSCOPY ASSOCIATION

Place: Asilomar Conference Center, Pacific Grove, CA. Contact: Heather Lafferty, WSA Secretary, P.O. Box 10460, Eugene, OR 97440

February 1-3

2ND INTERNATIONAL SYMPOSIUM ON PREPARATIVE AND UP-SCALE LIQUID CHROMATOGRAPHY

Place: Baden-Baden, Fed. Rep. of Germany. Contact: Gesellschaft Deutscher Chemiker, Abt. Tagungen, Postfach 90 04 40, D-6000 Frankfurt/Main 90, Fed. Rep. of Germany.

February 22-26

39TH PITTSBURGH CONFERENCE AND EXPOSITION ON ANALYTICAL CHEMISTRY AND APPLIED SPECTROSCOPY

Place: New Orleans, LA. Contact: Chairman, J. P. Aufes, 12 Federal Dr., Suite 322, Pittsburgh, PA 15325

March 22-25

OPTICS/ECOOSA '88 AND ELECTROOPTICS AND LASER EXHIBITION

Place: Metropole Hotel/NEC, Birmingham, England. Contact: The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 80X, England

May 24-26

22ND MIDDLE ATLANTIC REGIONAL MEETING

Contact: Southeastern Pennsylvania Section, G. Weiss, Millersville University, Chemistry Dept., Millersville, PA. 17551

March 27-30

9TH ROCKY MOUNTAIN REGIONAL MEETING

Place: Riviera Hotel, Las Vegas, NV. Contact: Wyoming Section, E. G. Meyer, U of Wyoming, Box 3825, Laramie, WY 82071

March 29-31

SECOND INTERNATIONAL SYMPOSIUM ON ANALYTICAL METHODS AND PROBLEMS IN BIOTECHNOLOGY, ANABIOTEC '88

Place: The Netherlands. Contact: Symposium Secretariat, ANABIOTEC '88, c/o QLT Convention Services, Keizersgracht 792, 1017 EC Amsterdam, The Netherlands

April 18-21

FLOW ANALYSIS IV

Place: Las Vegas, NV. Contact: Dr. Gilbert E. Pacey, Dept. of Chemistry, Miami University, Oxford, OH 45056

April 25-29

CONFERENCE ON LASERS AND ELECTRO-OPTICS (CLEO '88)

Place: Anaheim, CA. Contact: Optical Society of America, 1816 Jefferson Pl., N.W., Washington, D.C. 20036

April 27-29

4TH SYMPOSIUM ON HANDLING OF ENVIRONMENTAL AND BIOLOGICAL SAMPLES IN CHROMATOGRAPHY

Place: Basel, Switzerland. Contact: R. W. Frei, Dept. of Analytical Chemistry, De Boelelaan 1083, Vrije Universiteit, 1081 HV Amsterdam, The Netherlands

June 1-3

20TH CENTRAL REGIONAL MEETING

Place: West Virginia University, Morgantown, WV. Contact: Northwest Virginia Section, A. Winston, West Virginia University, Chemistry Dept., Morgantown, WV 26506-6045

June 5-10

195TH ACS NATIONAL MEETING AND 3RD CHEMICAL CONGRESS OF NORTH AMERICA

Place: Toronto, Ontario, Canada. Contact: B. R. Hodsdon, 1155 16th St., N.W., Washington, D.C. 20036

June 6-9

ELECTROFINNANALYSIS—AN INTERNATIONAL CONFERENCE ON ELECTROANALYTICAL CHEMISTRY

Place: Turku-Abo, Finland. Contact: Dr. Ari Ivaska, Laboratory of Analytical Chemistry, Abo Akademi, SF-20500 Turku (Abo), Finland.

June 19-24

HPLC '88—TWELFTH INTERNATIONAL SYMPOSIUM ON COLUMN LIQUID CHROMATOGRAPHY

Place: Sheraton Washington Hotel, Washington, D.C. Contact: Symposium Manager, Barr Enterprises, P.O. Box 279, Walkersville, MD 21793

June 29–July 1

43RD NORTHWEST REGIONAL MEETING

Place: Sheraton Spokane Hotel, Spokane, WA. Contact: Inland Empire Section, R. D. Doecker Chemistry Dept., Gonzaga University, Spokane, WA 99258

July 31–August 4

10TH BIENNIAL CONFERENCE ON CHEMICAL EDUCATION

Place: Purdue University, West Lafayette, IN. Contact: Chemical Education Div., J. D. Heron, Chemistry Dept., Purdue University, West Lafayette, IN 47907

August 21–26

9TH INTERNATIONAL CONGRESS ON THERMAL ANALYSIS

Place: Jerusalem, Israel. Contact: S. Shoval, Everyman's University, P.O. Box 39328, Tel-Aviv 61392, Israel

August 29–September 1

102ND ANNUAL INTERNATIONAL MEETING AND EXHIBITION

Place: The Breakers, Palm Beach, FL. Contact: Margaret Ridgell, AOAC, 1111 North 19th St., Suite 210, Arlington, VA 22209

September 4–9

EUREM 88—9TH EUROPEAN CONGRESS ON ELECTRON MICROSCOPY

Place: York, England. Contact: Congress Secretariat, The Royal Microscopical Society, 37/38 St. Clements, Oxford OX4 1AJ, England

September 5–9

X CONFERENCE ON ANALYTICAL ATOMIC SPECTROSCOPY/CANAS/VII POLISH SPECTROANALYTICAL CONFERENCE

Place: Nicholas Copernicus University, Torun, Poland. Contact: Dr. J. Fijalkowski, Institute of Nuclear Chemistry and Technology, ul. Dorodna 16, 03-195 Warszawa, Poland.

September 25–28

103RD ANNUAL INTERNATIONAL MEETING & EXHIBITION

Place: The Clarion Hotel, St. Louis, MO. Contact: Margaret Ridgell, AOAC, 1111 North 19th St., Arlington, VA 22209

November 2–4

5TH SYMPOSIUM ON LIQUID CHROMATOGRAPHY/MASS SPECTROSCOPY

Place: Freiburg, Germany. Contact: R. W. Frei, Dept. of Analytical Chemistry, De Boelelaan 1083, Vrije Universiteit, 1081 HV Amsterdam, The Netherlands

Meetings

7

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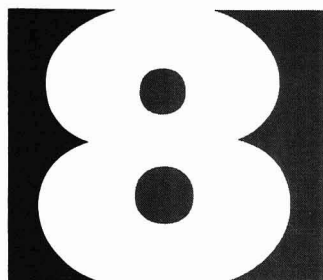
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New Books

This issue of the LabGuide lists books that have been critically reviewed in American Chemical Society publications from June 1986 through May 1987. For more information on a book, consult the referenced publications.

A

The ACS Style Guide. A Manual for Authors and Editors, Janet S. Dodd, ed., American Chemical Society, 1986, \$24.95.

J. Am. Chem. Soc., 109, No. 3, 959 (1987)

Advanced Organic Chemistry, Third Edition, Jerry March, ed., Wiley-Interscience, 1985, 1346 pp., \$39.95.

J. Med. Chem., 29, No. 8, 1556 (1986)

Advanced Scanning Electron Microscopy and X-Ray Microanalysis, Dale E. Newbury, David C. Joy, Patrick Echlin, Charles E. Fiori, and Joseph I. Goldstein, Plenum Press, 1986, 454 pp., \$37.50.

Anal. Chem., 58, No. 13, 1344A (1986)

Advances in Cereal Science and Technology, Vol. VIII. Y. Pomeranz, ed., American Association of Cereal Chemists, 1986, 364 pp., \$60.

J. Am. Chem. Soc., 109, No. 7, 2236 (1987)

Advances in Carbohydrate Chemistry and Biochemistry, Volume 43, R. Stuart Tipson and Derek Horton, eds., Academic Press, Inc., 1985, 459 pp., \$75.00.

J. Am. Chem. Soc., 109, No. 4, 1287 (1987)

Advances in Chemical Physics, Vol. 61, I. Prigogine and S. A. Rice, eds., John Wiley & Sons, 1985, 461 pp., \$75.

J. Am. Chem. Soc., 108, No. 13, 3865 (1986)

Advances in Chemistry Series No. 212. Historic Paper and Textile Materials: Conservation and Characterization. H. L. Needles and S. H. Zeronian, eds., American Chemical Society, 1986, 462 pp., \$94.95.

J. Am. Chem. Soc., 108, No. 16, 5046 (1986)

Advances in Chromatography, Vol. 25, J. Calvin Giddings, Eli Grushka, Jack Cazes, and Phyllis R. Brown, eds., Marcel Dekker, Inc., 1986, 416 pp., \$69.75.

J. Med. Chem., 1986, 29, No. 12, 2534 (1986)

Advances in Drug Research, Vol. 14, Bernard Testa, ed., Academic Press, 1985, 339 p., \$69.50.

J. Med. Chem., 29, No. 7, 1325 (1986)

Advances in Enzymology, Vol. 58, Alton Meister, ed., John Wiley and Sons, Inc., 1986, 345 pp., \$50.

J. Am. Chem. Soc., 109, No. 6, 1889 (1987)

Advances in Farred and Raman Spectroscopy, Vol. 12, R. J. Clark and R. E. Hester, eds., John Wiley & Sons, 1985, 360 pp., \$115.

J. Am. Chem. Soc., 108, No. 15, 4688 (1986)

Advances in Heterocyclic Chemistry, Vol. 39, A. R. Katritzky, ed., Academic Press, 1986, 393 pp., \$98.00.

J. Am. Chem. Soc., 109, No. 6, 1890 (1987)

Advances in Inorganic and Bioinorganic Mechanisms, Vol. 4, A. G. Sykes, ed., Academic Press, Inc., 1986, 298 pp., \$105.00.

J. Am. Chem. Soc., 109, No. 6, 1889 (1987)

Advances in Inorganic Chemistry and Radiochemistry Vol. 29. H. J. Emeleus and A. G. Sharpe, eds., Academic Press, 1985, 335 pp., \$65.

J. Am. Chem. Soc., 109, No. 3, 958 (1987)

Advances in Organometallic Chemistry, Vol. 24, F. G. A. Stone and R. West, eds., Academic Press, Inc., 1985, 470 pp., \$79.50.

J. Am. Chem. Soc., 108, No. 17, 5378 (1986)

Advances in Pain Research and Therapy, Vol. 8, Opioid Analgesics in the Management of Clinical Pain, Kathlee M. Foley and Charles E. Inturissi, eds., Raven Press, 1986, 466 pp., \$98.50.

J. Med. Chemistry, 29, No. 11, 2420 (1986)

Advances in Photochemistry, Vol. 13, David H. Volman, Klaus Gollnick, and George S. Hammond, eds., John Wiley & Sons, 1986, 500 pp., \$79.95.

J. Am. Chem. Soc., 108, No. 18, 5661 (1986)

Advances in Physical Organic Chemistry, V. Gold and D. Bethell, eds., Academic Press, 1984, 252 pp., \$50.

J. Am. Chem. Soc., 108, No. 13, 3864 (1986)

Advances in Polymer Science, Vol. 73/74: Chromatography/Foams/Copolymers, Springer-Verlag, 1986, 263 pp., \$53.00.

J. Am. Chem. Soc., 108, No. 17, 5377 (1986)

Advances in Polymer Science, Vol. 75, Epoxy Resins and Composites II, K. Dusek, ed., Springer-Verlag, 1986, 180 pp., \$45.00.

J. Am. Chem. Soc., 108, No. 20, 6443 (1986)

Advances in Protein Chemistry, Vol. 37, C. B. Anfinsen, John T. Edsall, and Frederic M. Richards, eds., Academic Press, Inc., 1985, 374 pp., \$49.00.

J. Am. Chem. Soc., 108, No. 16, 5049 (1986)

AGA Gas Handbook, Kersti Ahlberg, Almqvist & Wiksell International, Stockholm, Sweden, 1985, 582 pp., Kr. 275.00.

J. Am. Chem. Soc., 108, No. 24, 7883 (1986)

The Alkaloids, Vol. 25, Arnold Brossi, ed., Academic Press, 1985, 369 pp., \$72.50.

J. Med. Chem., 29, No. 10, 2124 (1986)

The Alkaloids, Chemistry and Pharmacology, Vol. 26, A. Brossi, ed., Academic Press, 1985, 401 pp., \$95.00.

J. Med. Chem., 29, No. 7, 1325 (1986)

Americium and Curium Chemistry and Technology, N. M. Edelstein, J. Navratil, and W. W. Schulz, eds., D. Reidel Publishing Co., 1985, 339 pp., \$44.50.

J. Am. Chem. Soc., 108, No. 16, 5048 (1986)

Amino Acids and Peptides, J. S. Davies, ed., Chapman and Hall, 1985, 430 pp., \$69.95.

J. Med. Chem., 29, No. 9, 1808 (1986)

Amino Acid Metabolism, Second edition, David A. Bender, John Wiley & Sons, Ltd., 1985, 263 pp., \$38.00.

J. Am. Chem. Soc., 109, No. 4, 1287 (1987)

Amino Acids, Peptides, and Proteins. Vol. 16. Specioapost Periodical Reports, J. H. Jones, The Chemical Society, 1985, 410 pp., \$144.00.

J. Med. Chem., 29, No. 8, 1559 (1986)

The Analysis of Extraterrestrial Materials, Isidore Adler, John Wiley & Sons, 1986, 346 pp., \$55.00.

Anal. Chem., 59, No. 1, 42A (1987)

Analytical Chemistry of PCBs, Mitchell D. Erickson, Butterworth Publishers, 1986, 508 pp., \$39.95.

Anal. Chem., 58, No. 14, 1448A (1986)

Analytical Measurement and Information. Advances in the Information Theoretic Approach to Chemical Analysis, K. Eckschlager, V. Stepanek, John Wiley & Sons, 1985, 140 pp., \$39.95.

Anal. Chem., 58, No. 7, 806A (1986)

Analytical Methods for Pesticides and Plant Growth Regulators. Vol. XIII. Synthetic Pyrethroids and Other Pesticides, G. Zweig and J. Sherma, eds., Academic Press, 1984, 312 pp., \$65.00.

J. Am. Chem. Soc., 108, No. 17, 5374 (1986)

Analytical Solution Calorimetry, J. K. Grime, ed., John Wiley & Sons, 1985, 401 pp., \$60.00.

J. Am. Chem. Soc., 108, No. 17, 5378 (1986)

Annual Reports, Vol. 80. 1983. Section C: Physical Chemistry, The Royal Society of Chemistry, 1984, 418 pp., \$95.00.

J. Am. Chem. Soc., 108, No. 21, 6840 (1986)

Annual Reports on Analytical Atomic Spectroscopy, Vol. 14, M. S. Cresser and L. Ebdon, eds., Royal Society of Chemistry, 1985, 445 pp., \$117.00.

J. Am. Chem. Soc., 108, No. 20, 6444 (1986)

Annual Reports in Medicinal Chemistry, Vol. 20, Denis M. Bailey, Academic Press, 1985, 352 pp., \$35.00.

J. Med. Chem., 29, No. 11, 2418 (1986)

J. Am. Chem. Soc., 109, No. 4, 1290 (1987)

Annual Reports on NMR Spectroscopy, Vol. 16, G. A. Webb, ed., Academic Press, 1985, 373 pp., \$100.

J. Am. Chem. Soc., 108, No. 13, 3864 (1986)

Annual Reports in Organic Synthesis, Martin J. O'Donnell and Louis Weiss, eds., Academic Press, 1985, 465 pp., \$29.00.

J. Med. Chem., 29, No. 7, 1325 (1986)

Annual Reports on the Progress of Chemistry, Vol. 81. Section A: Inorganic Chemistry. J. D. Donaldson, Royal Society of Chemistry, 1984, 416 pp., \$101.00.

J. Am. Chem. Soc., 108, No. 21, 6840 (1986)

Annual Reports on the Progress of Chemistry, Vol. 81, Section B—Organic Chemistry, P. J. Garratt and J. M. Mellor, eds., The Royal Society of Chemistry, 1985, 400 pp., \$116.00.

J. Am. Chem. Soc., 108, No. 25, 8122 (1986)

Annual Reports on the Progress of Chemistry, Volume 81, 1984, Section C, Physical Chemistry, M. C. R. Symons, The Royal Society of Chemistry, 1985, 336 pp., \$97.00.

J. Am. Chem. Soc., 109, No. 4, 1289 (1987)

Annual Review of Neuroscience, Vol. 9, W. Cowan, E. Shooter, C. Stevens, and B. Thompson, eds., Annual Reviews, 1986, 531 pp., \$31.00.

J. Med. Chem., 29, No. 11, 2422 (1986)

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Holt, Rinehart & Winston, 521 Fifth Ave., 6th Floor, New York, NY 10175 (212) 599-7600
Ellis Horwood, Ltd., Chichester, Sussex, England
Houghton Mifflin Co., One Beacon St., Boston, MA 02108 (617) 725-5000
Humana Press, Crescent Manor, Clifton, NJ 07015 (201) 773-4389

I

Iowa State University Press, 2121 S. State Ave., Ames, IA 50010 (515) 294-5280
ISI Press, 3501 Market St., Philadelphia, PA 19104 (215) 386-0100/800-523-1850

J

The Johns Hopkins University Press, Baltimore, MD 21218 (301) 338-7348

K

S. Karger, Basel, Switzerland
Wm. Kaufmann, Inc., 95 First St., Los Angeles, CA 94022 (415) 948-5810
Alfred A. Knopf, Inc., 201 E. 50th St., New York, NY 10032 (212) 751-2600/800-638-6460
R. E. Kreiger Publishing Co., Inc., Box 9542, Melbourne, FL 32902 (305) 724-9542

L

Lea & Febiger, 600 Washington Sq., Philadelphia, PA 19106 (215) 922-1330
J. B. Lippincott Co., E. Washington Sq., Philadelphia, PA 19105 (215) 238-4200
Alan R. Liss, Inc., 41 E. 11th St., New York, NY 10003 (212) 475-7700
Little, Brown & Co., Inc., 34 Beacon St., Boston, MA 02106 (617) 227-0730/800-343-9204

M

McGraw-Hill, Inc., 1221 Ave. of the Americas, New York, NY 10020 (212) 512-2000
MacMillan Publishing Co., 866 Third Ave., New York, NY 10022 (212) 702-2000
Mack Printing Co., 20th & Northampton Sts., Easton, PA 18042
Masson Publishing USA, Inc., 133 E. 58th St., New York, NY 10022 (212) 838-8510
Methuen, Inc., 733 Third Ave., New York, NY 10017 (212) 922-3550
The MIT Press, 28 Carleton St., Cambridge, MA 02142 (617) 253-5646

N

National Academy Press, 2101 Constitution Ave., N.W., Washington, DC 20418 (202) 334-3318
North Holland Publishing Co., P. O. Box 103, Amsterdam C, Netherlands
W. W. Norton & Co., Inc., 500 Fifth Ave., New York, NY 10110 (212) 354-5500
Noyes Publications, Div. of Noyes Data Corp., Mill Rd. & Grand Ave., Park Ridge, NJ 07656 (201) 391-8484

O

Oliver & Boyd, Edinburgh, England
Open Court Publishing Co., 1058 Eithth St., La Salle, IL 61301 (815) 223-2520/800-435-6850/800-892-6831 (IL)
Oxford University Press, Inc., 200 Madison Ave., New York, NY 10016 (212) 679-7300 Foreign: Walton St., Oxford OX2 6DP, England

P

Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523 (914) 592-7700
Pitman Publishing, Inc., 1020 Plain St., Marshfield, MA 02050 (617) 837-1331
Plenum Publishing Corp., 233 Spring St., New York, NY 10013 (212) 620-8000/800-221-9369
Praeger Publishers, 521 Fifth Ave., New York, NY 10175 (212) 599-8400
Prentice-Hall, Inc., Englewood Cliffs, NJ 07632 (201) 592-2000

R

Random House, Inc., 201 E. 50th St., New York, NY 10022 (212) 751-2600
Raven Press, 1140 Ave. of the Americas, New York, NY 10036 (212) 575-0335
The Royal Society, Blackhorse Rd., Letchworth, Hertfordshire SG6 1HN, Great Britain
The Royal Society of Chemistry, Burlington House, London, England

S

W. B. Saunders Co., 210 W. Washington Sq., Philadelphia, PA 19105 (215) 574-4700
Charles Scribner's Sons, 597 Fifth Ave., New York, NY 10017 (212) 486-2700
Scott, Foresman & Co., 1900 E. Lake Ave., Glenview, IL 60025 (312) 729-3000
Springer-Verlag New York, Inc., 175 Fifth Ave., New York, NY 10010 (212) 460-1500/800-526-7254

T

Thieme-Stratton, Inc., Sub of Georg Thieme Verlag, 381 Park Ave., S., New York, NY 10016 (212) 683-5088
Charles C Thomas Publishers, 2600 S. First St., Springfield, IL 62717 (217) 789-8980

U

University of Minnesota Press, 2037 University Ave., S.E., Minneapolis, MN 55414 (612) 373-3266
University of Wisconsin Press, 114 N. Murray St., Madison, WI 53715 (608) 262-4928
University Park Press, 300 N. Charles, Baltimore, MD 21201 (301) 547-0700/800-638-7511
University Science Books, 20 Edgehill Rd., Mill Valley, CA 94941 (415) 383-1430
Urban & Schwarzenberg, Inc., 7 E. Redwood St., Baltimore, MD 21202 (301) 539-2550

V

Van Nostrand Reinhold Co., Inc., 135 W. 50th St., New York, NY 10020 (212) 265-8700
Verlag Chemie International, Inc., 303 N.W. 12th Ave., Deerfield Beach, FL 33441 (305) 428-5566

W

Wadsworth Publishing Co., 10 Davis Dr., Belmont, CA 94002 (415) 595-2350
J. Weston Walch Publisher, Box 658, 321 Valley St., Portland, ME 04104 (207) 772-2846/800-341-6094
John Wiley & Sons, Inc., 605 Third Ave., New York, NY 10158 (212) 850-6000
Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202 (301) 528-4000/800-638-0672
Workman Publishing Co., Inc., One W. 39th St., New York, NY 10018 (212) 398-9160/800-722-7202
Worth Publishers, Inc., 444 Park Ave., S., New York, NY 10016 (212) 689-9630

Trade Names

This section alphabetically lists commonly used trade names of products and services with names of companies claiming them or their exclusive rights. Refer to the Company Directory, Section 10, for addresses.



A

ABBETHANE Urethane lined milling jars Paul O. Abbe, Inc.
ABSORB-TAB Tablets for absorbing colors, fragrances, and odors R. P. Cargille Labs., Inc.
ACCESS Thermal stress screening systems Ransco Industries, Inc.
ACCORD Clinical densitometers Beckman Instruments, Inc.
ACCUDIL Syringes Hamilton Co.
ACCU-FLO Precision metering pump Beckman Instruments, Inc.
ACCUGEL 40 Sequencing gel medium National Diagnostics, Inc.
ACCULAB Spectrophotometers Beckman Instruments, Inc.
ACCU-PREP Programmable diluter/dispenser Beckman Instruments, Inc.
ACCUSET Energy meter Beckman Instruments, Inc.
ACCUSPIN Centrifuge Beckman Instruments, Inc.
ACCUSTROKE Pipets Beckman Instruments, Inc.
ACRYLAGEL Acrylamide gel medium for electrophoresis National Diagnostics, Inc.
ACTA Spectrophotometers Beckman Instruments, Inc.
ACTIMET Acid salts for plating processes M & T Chemicals, Inc.
ACTION Chemical reagents Beckman Instruments, Inc.
ACUBLEND Proprietary gas blending process Scott Specialty Gases
ACULIFE Gas mixture stability process Scott Specialty Gases
ACUPHASE Specialized containers Scott Specialty Gases
ADA Automatic distillation analyzers Precision Scientific, Inc.
ADALAB AND ADALAB-PC Data acquisition and control Interactive Microwave, Inc.
AEPD 2-amino-2-ethyl-1,3-propanediol Angus Chemical Co.
AEROSOLVE Centrifuge containers and tube racks Beckman Instruments, Inc.
AID 1 First aid NORTH

AIR-AIDER Respiratory protection NORTH
AIRFUGE Ultracentrifuge Beckman Instruments, Inc.
AIR-PAK Breathing apparatus Scott Aviation
AIRTEC KIT Breathing air analyzers Sensidyne, Inc.
ALCOJET Machine detergent powder Alconox, Inc.
ALCOTABS Tablet detergent for syphon washers for pipets or tubes Alconox, Inc.
ALKATERGE-T and E and also T-N Surface active agent Angus Chemical Co.
ALL AROUNDS Eye/face protection NORTH
ALL-VUE Nuclear Associates
ALTEX Laboratory equipment and supplies Beckman Instruments, Inc.
ALUMAPAK Capacitor assemblies Sprague Electric Co.
AMP 2-amino-2-methyl-1-propanol Angus Chemical Co.
AMPHOLINE Carrier ampholytes LKB Produkter AB
AMPULMATIC Chemical oxygen demand ampule sealers O. I. Corp.
AMPULSEAL Chemical oxygen demand ampule sealers O. I. Corp.
AN⁺ Chemical standard Beckman Instruments, Inc.
ANNUBAR Diamond-shape self-averaging primary flow sensors Dieterich Standard Corp.
APPRAISE Clinical densitometer Beckman Instruments, Inc.
APPRAISE JUNIOR Low-cost densitometer Beckman Instruments, Inc.
AQUAMETER Moisture analyzers Beckman Instruments, Inc.
AQUAPORE LC columns Brownlee Labs
AQUATEST-8 Karl Fischer coulometric titrator Photovolt
ARRAY Clinical instruments and reagents Beckman Instruments, Inc.
ASCARITE II CO₂ absorbent Thomas Scientific
ASTRA Stat routine analyzer Beckman Instruments, Inc.
ASTRA-IDEAL Multiple clinical analyzer system Beckman Instruments, Inc.
ASTRASON Ultrasonic cleaners Heat Systems-Ultrasonics, Inc.

ATMO-JET Atmosphere device Zeebac, Inc.
ATOM Electrolytic capacitors Sprague Electric Co.
AUTOCON Electrical capacitors Sprague Electric Co.
AUTOFLUOR Autoradiographic image intensifier National Diagnostics, Inc.
AUTO ICS Automated sample handling systems Beckman Instruments, Inc.
AUTOMAGNETIC SYSTEMS Automatic magnet measuring, charging, treating systems Dowty RFL Industries, Inc.
AUTOMATCH COLOR SYSTEM Color matching system Pacific Scientific
AUTOHIND pH meters Beckman Instruments, Inc.
AUTOSCAN Porosimeters Quantachrome Corp.
AUTOSORB 6 and 1 Automated isotherm analyzers Quantachrome Corp.
AUTOTAP Tap density Quantachrome Corp.
AUTO-TEST Leak detectors Varian Associates, Inc., Vacuum Products Div.
AUTOVAR Capacitor assemblies Sprague Electric Co.
AVENGER Hand protection NORTH
AVS Viscometers Schott America

B

B⁺ Chemical standard Beckman Instruments, Inc.
BACTILIGHT Bacterial luciferase purified Analytical Luminescence Lab., Inc.
BAL-GARD Dust covers Instruments for Research & Industry
"BANCO" General tradename for all products Anderson Labs., Inc.
BANCO-BOY and BANCO DEMI-BOY Convenient containers for dispensing liquids and solvents Anderson Labs., Inc.
BASLINE 810 PC add-on for chromatography Dynamic Solutions
BEAD BATH Baths Analytical Products, Inc.
BEAD BEATER Microbiol cell disrupters Biospec Products, Inc.
BEAMSCAN Nuclear Associates

BENCHMARK Chemical reagents Beckman Instruments, Inc.
BIG JACK Laboratory jack Precision Scientific, Inc.
BINOS NDIR gas analyzers Inficon Leybold-Heraeus, Inc.
BIOBLO REAGENT Fluorescent vital stain Calbiochem Biochemicals/Behring Diagnostics
BIO GAMMA Gamma Counters Beckman Instruments, Inc.
BIOHOMOGENIZER Tissue homogenizers Biospec Products, Inc.
BIOMEK Automatically controlled pipettor Beckman Instruments, Inc.
BIOMET Antifoulant for marine coatings M & T Chemicals, Inc.
BIO-PERM or Bio-Perm Preservative concentrate or preserving solution Sargent-Welch Scientific Co.
BIOPHASE Liquid chromatography column Bioanalytical Systems, Inc.
BIO-SOLV Solubilizer Beckman Instruments, Inc.
BIO-VIAL Liquid scintillation vial Beckman Instruments, Inc.
BIOVORTXER Test tube stirrers Biospec Products, Inc.
BIS CRUCIBLE Platinum/gold alloy crucibles Corporation Scientifique Claisse Inc.
BI-THERM Bimetallic thermometer Taylor Scientific Consumer Instruments
BLACK BEAUTY Electrical condensers Sprague Electric Co.
BLEED-TROL TDS controller, cooling towers, etc. H. E. Anderson Co., Inc.
BOND ELUT Sample processing columns Analytichem International
BRANSONIC Ultrasonic cleaners Branson Ultrasonics Corp.
BULK-PAK Pipet packaging Bellco Glass, Inc.
BYTAC Film Norton Performance Plastics
C
CALPEPTIDE Growth promoting peptide fraction Calbiochem Biochemicals/Behring Diagnostics
CAL-RAD Nuclear Associates

CALS Computer automated laboratory systems Beckman Instruments, Inc.

CALSTAN Hormone standards Calbiochem Biochemicals/Behring Diagnostics

CANNON Viscometers Thomas Scientific

CARBON COMET Filter media Star Systems Filtration Div.

μ-CARRIER Microcarrier spinner flasks Bellco Glass, Inc.

CD Chemical standards Beckman Instruments, Inc.

CELL-PORATOR Electroporation system Life Technologies, Inc.

CELSISTRIPS Temperature labels Solder Absorbing Technology, Inc.

CENTA β-Lactamase substrate Calbiochem Biochemicals/Behring Diagnostics

CENTRA (CENTRA-8; CENTRA-8R; CENTRA-4B; CENTRA-M; CENTRA-W) International Equipment Co.

CENTRICON Microconcentrators Amicon

CENTRIFI-KIT Centrifuge tubes Beckman Instruments, Inc.

CENTRIFLO Membrane cones Amicon

CENTRIFREE Microseparation systems Amicon

CENTURY pH Meter Beckman Instruments, Inc.

CERACIRCUIT Ceramic-based microcircuits Sprague Electric Co.

CERAMIKIT Kits of Capacitors Sprague Electric Co.

CERCHIP Capacitors Sprague Electric Co.

CERTINCOAT System for hot-end glass coating Instruments for Research & Industry

CHELASOL Chelating solubilizer for organometallic salts Chemplex Industries, Inc.

CHEMANAL or ChemAnal Modular instructional analytical instrument systems Sargent-Welch Scientific Co.

CHEMDI Chemical indicator systems American Sterilizer Co./AMSCO

CHEM-GARD Plastic centrifugal pumps Vanton Pump & Equip. Corp.

CHEMLYTE Clinical analyzers Gilford, Ciba-Corning

CHEM-MATE pH meter Beckman Instruments, Inc.

CHEM/METER Lead-proof metering pump Crane Co.

CHEMPUMP Canned motor pump Crane Co.

CHEMRESEARCH HPLC software ISCO

CHEMSPOR Biological/chemical indicator systems Medical Products Div./AMSCO

CHEMWARE Labware Norton Performance Plastics

CHROMA-GRAN Proprietary differential blood stain Anderson Labs., Inc.

CHROMATOCHART and CHROMATOCHART-PC Chromatography Interactive Microware, Inc.

CHROM-PREP Sample preparation device Hamilton Co.

CI-10 Integrators Milton Roy Co., LDC Div.

CLAISSE FLUXEX Sample preparation instrument Corporation Scientifique Claisse Inc.

CLEAN GRIP Hand protection NORTH

CLEANLINE All products Controlled Environment Equipment Corp.

CLEAR BATH Chelating agents Spectrum Medical Industries, Inc.

CLEAR-PASS Capacitors Sprague Electric Co.

CLEAR-Pb Nuclear Associates

CLEAR-VU First aid NORTH

CLINITROL Reference solutions Advanced Instruments, Inc.

CLOTIMMUM Antiserum Calbiochem Biochemicals/Behring Diagnostics

CODER 300 DNA synthesizers Vega Biotechnologies, Inc.

COLD-A-REST First aid NORTH

COLORGARD Colorimeters Pacific Scientific

THE COLOR MACHINE 45% array spectrophotometers Pacific Scientific

COLOR TEC H₂S detectors VICI Metronics

COL-TREET Gas chromatography chemical Regis Chemical Co.

COMBUSTION ALERT Fixed combustible gas detection equipment Sensidyne, Inc.

COM-FIT Hearing protection NORTH

COMP-U-CAL Nuclear Associates

COMPULYTIC Electrical capacitors Sprague Electric Co.

COMPUSSET Software Module Beckman Instruments, Inc.

CONDUCTOMONITOR Conductivity detectors Milton Roy Co., LDC Div.

CONFLAT Stainless steel flanges Varian Associates, Inc., Vacuum Products Div.

CONOUCTIMER Die attach adhesives for microelectronics M & T Chemicals, Inc.

CONSTAMETRIC Metering pump Milton Roy Co., LDC Div.

COOLSTAR Cryopumps Edwards High Vacuum, Inc.

COREX Pipets and centrifuge tubes Corning Glass Works

COUGH-A-REST First aid NORTH

COULOCTEM Coulometric detector for HPLC ESA, Inc.

COUNTRON Predetermining counters Veeder-Root

COUPLER 1000, 250, 296 and 2100 peptide synthesizers Vega Biotechnologies, Inc.

CRE/1000 Tensile tester Precision Scientific, Inc.

CRYODYNE Cryogenic refrigerators CTI-Cryogenics

CRYOSAFE Nuclear Associates

CRYOSOURCE or CryoSource Low temperature mechanical refrigerators Sargent-Welch Scientific Co.

CRYO-TORR Cryogenic vacuum pumps CTI-Cryogenics

CULLAR Activated carbon materials Culligan International Co.

CULLEX Cation exchange resin, strong acid Culligan International Co.

CULT-UR Tablets for stabilizing urine specimens for delayed laboratory culture and identification of urinary bacteria. R. P. Cargille Labs., Inc.

CURVE FITTER AND CURVE FITTER-PC Graphics software Interactive Microware, Inc.

CX Clinical analytical instruments and reagents Beckman Instruments, Inc.

CYCLO-JET Grinding mill Fluid Energy Processing & Equipment Co.

D

DATAPLATE Microprocessor controlled hot plate/stirrers PMC Industries, Inc.

DAVISIL Chromatographic silicas W. R. Grace & Co.

DB Spectrophotometers Beckman Instruments, Inc.

DEARBORN Capacitors Sprague Electric Co.

DECIDAMP Hearing protection NORTH

DECISION Chemical reagents Beckman Instruments, Inc.

DEEMINITE Ion exchange resins Crystalab, Inc.

DEHYDRITE Water vapor absorbent Thomas Scientific

DELONG Long-neck tube and flask openings Belco Glass, Inc.

DELTA 1000 Spectrophotometers Beckman Instruments, Inc.

DELTA FILM Capacitors Sprague Electric Co.

DELTA SERIES Low-cost thermal analysis system Perkin-Elmer Corp.

DENSICHROMATER or Densichrometer Integrating photometers Sargent-Welch Scientific Co.

DENSICHRON or Densichron Light measuring instruments or densitometers Sargent-Welch Scientific Co.

DENSI-SCAN or Densi-Scan Density measuring devices Sargent-Welch Scientific Co.

DENSOTROPIC Dehydrating solvent Anderson Labs., Inc.

DEPENDIX Vacuum gate valves Anacon

DERIVA-SIL Silylation formulations Regis Chemical Co.

DESICOTE Water-repellent coating Beckman Instruments, Inc.

DETERGENT 8 Aqueous phosphate free liquid. Excellent for cleaning electronic parts and printed circuit boards Alconox, Inc.

DET-O-JET Machine detergent for heavy duty washing Alconox, Inc.

DF Water purification systems Corning Glass Works

DIAFILTER Hemofilters Amicon

DIAFLO Ultrafiltration membranes Amicon

DIAGLUTO Agglutination reading device Beckman Instruments, Inc.

DIANO Color spectrophotometers Milton Roy Co., Analytical Products Div.

DI-A-RELIEF First aid NORTH

DIB Nuclear Associates

DIFFSTAK Diffusion pumps Edwards High Vacuum, Inc.

DIFILM Electrical capacitors Sprague Electric Co.

DIGIMETRY Computer acquisition and interface apparatus Beckman Instruments, Inc.

DIGITAL BURET Manual piston buret Brinkmann Instruments, Inc.

DILUETTE Bottle-top diluter Brinkmann Instruments, Inc.

DIRECTORR or DirecTorr High vacuum pumps Sargent-Welch Scientific Co.

DISCUPS Graduated paper beakers R. P. Cargille Labs, Inc.

DISPENSETTE Bottle-top dispenser Brinkmann Instruments, Inc.

DK Spectrophotometric apparatus Beckman Instruments, Inc.

DOG SHIELD First aid NORTH

DOMINO Capacitors and resistors Sprague Electric Co.

DORIS Timesharing services Sprague Electric Co.

DRI-STAT Dry reagents Beckman Instruments, Inc.

DROPLET SYMBOL Liquid reagents Beckman Instruments, Inc.

DRYSTAR Oil-free vacuum pumping systems Edwards High Vacuum, Inc.

DS Amylase reagent Beckman Instruments, Inc.

DU Spectrophotometers Beckman Instruments, Inc.

DUET Dual emitter transistors Sprague Electric Co.

DUOCONE or DuoCone Burners or laboratory burners Sargent-Welch Scientific Co.

DUO SEAL or Duo Seal High vacuum pumps Sargent-Welch Scientific Co.

DURAN Borosilicate labglass and tubing Schott America

DURAPOT Potentiometers AstroSystems, Inc.

DURASTRENGTH Acrylic impact modifier for PVC M & T Chemicals, Inc.

DVR Thermometric titrators Sanda, Inc.

DYNACAL Gas permeation devices VICI Metronics

DYNACALIBRATOR Gas analyzer calibrators VICI Metronics

DYNAGARD SYSTEMS On-line color measurement systems Pacific Scientific

DYNAGARD 75 SYSTEMS On-line gloss measurement systems Pacific Scientific

DYNAPUMP Fractional HP motor pump Crane Co.

DYNASCAN SYSTEMS On-line near infrared measurement systems Pacific Scientific

DYNEX Spectrometers Analytical Products, Inc.

DYNO-MILL Mills Glenmills, Inc.

E

EAGLE EYE Local flow indicators Dieterich Standard Corp.

EASY EARTH Filter media Star Systems Filtration Div.

ECCOL Capacitors Sprague Electric Co.

ECCOPAK Capacitor assemblies Sprague Electric Co.

ECCOVAR Capacitors Sprague Electric Co.

E.C. MONITOR Electrochemical detectors Milton Roy Co., LDC Div.

ECONOLINE Capacitors, semiconductors and resistors Sprague Electric Co.

ECONO-SKAN Miniature incandescent reflective scanners Skan-A-Matic Corp.

ECOSCINT Biodegradable liquid scintillator National Diagnostics, Inc.

ED-SET or Ed-Set Radar educational kits Sargent-Welch Scientific Co.

ELAN Inductively coupled plasma-mass spectrometer Perkin-Elmer Corp.

ELECTRO/FEEDER Diaphragm-time proportioning metering pumps H. E. Anderson Co., Inc.

ELECTRO-MATE Ion measuring instrument Beckman Instruments, Inc.

ENDOTECT Endotoxin detectors Schwary/Mann

ENDURAGLAS Electrode Beckman Instruments, Inc.

ENER-8 Extreme environment dynamic seals Advanced Products Co.

ENERRING Static metal seals Advanced Products Co.

ENERSEAL Spring-energized teflon seals, static and dynamic Advanced Products Co.

ENERVAC Vacuum seals Advanced Products Co.

ENSCO Industrial chemical waste incineration lab pack disposal Grek Lakes Environmental Services, Inc.

ENVIRO-SKAN Hostile environment fiber optic sensors Skan-A-Matic Corp.

EPENDORF COMBITIPS Pipet reservoir tips Brinkmann Instruments, Inc.

EPENDORF REPEATER Pipets Brinkmann Instruments, Inc.

EPSILON Reagent test kits Beckman Instruments, Inc.

EQUIS PC-based environmental quality information software Perkin-Elmer Corp.

ES Reagent Beckman Instruments, Inc.

ESKALAB-CCS and ESKALAB-CHS Clinical chemistry system Beckman Instruments, Inc.

ESKALAB-ECS Electro chemical systems Beckman Instruments, Inc.

ESTAR Electrical condensers Sprague Electric Co.

EXPAND-MATE pH meter Beckman Instruments, Inc.

EXPANDOMATIC pH meters Beckman Instruments, Inc.

EXPRESS Clinical analyzers Gilford, Ciba-Corning

EXTRALIGHT Releasing agent Analytical Luminescence Lab., Inc.

EXTRALYTIC Electrical capacitors Sprague Electric Co.

EYE-LERT First aid NORTH

F

FACTS Computerized titrators Sanda, Inc.

FASCAT Esterification catalysts M & T Chemicals, Inc.

FAST FOUR Clinical analyzers Gilford, Ciba-Corning

FAST GLASS Electrodes Beckman Instruments, Inc.

FEM-A-REST First aid NORTH

FERULOK Bite-type fittings Parker-Hannifin Corp., Tube Fittings Div.

FLEX-I-LINER Peristaltic and rotary pumps Vanton Pump & Equip. Corp.

FLEX-TIP Pipet tip Brinkmann Instruments, Inc.

FLEX-TUBE Microcentrifuge tube Brinkmann Instruments, Inc.

μ-FLOW Solvent delivery system and components Beckman Instruments, Inc.

FLUO-R Fluorometric reagents Beckman Instruments, Inc.

FLUOR-ADE pH adjusting solution Beckman Instruments, Inc.

FLUORALLOY Scintillation solution Beckman Instruments, Inc.

FLUORGLIDE Dry lubricant Norton Performance Plastics

FLUORO IV Fluorescence spectrometer Gilford, Ciba-Corning

FluoroMonitor Fluorescence detectors Milton Roy Co., LDC Div.

FIELD-LAB Oxygen analyzers Beckman Instruments, Inc.

FILMISTOR Electrical resistors Sprague Electric Co.

FILMSCAN Nuclear Associates

FILTEROL Radio interference filters Sprague Electric Co.

FIRELIGHT Luciferin-luciferase purified Analytical Luminescence Lab., Inc.

FORMULARY MEMORY SYSTEM Report printout preprogramming Beckman Instruments, Inc.

FOXY Fraction collectors ISCO

FREAS Baths, incubators, ovens Precision Scientific, Inc.

FUTURA Electrodes Beckman Instruments, Inc.

G

GAMMA VUE Nuclear Associates

GASTEC Detector tubes and sampling pumps Sensidyne, Inc.

GASTIGHT Syringes Hamilton Co.

GASTROCCULT Test for gastric occult blood and pH Beckman Instruments, Inc.

GENE-MASTER DNA workstation is an instrument for entering, storing and analyzing nuclei acid sequences Bio-Rad Labs

GENE-PULSER Transfection apparatus is a pulse generator which transfers DNA into mammalian, plant and bacterial cells Bio-Rad Labs

GENETICIN Selective antibiotics Life Technologies, Inc.

GEOGUARD Water monitoring equipment American Sigma

GI All products Gilmont Instruments, Inc.

GIBCOWARE Disposable plastic labware for cell culture use Life Technologies, Inc.

GLAS-TREET Gas chromatography chemical Regis Chemical Co.

GLENCO Micro syringes Spectrum Medical Industries, Inc.

GLISTEN-N-GLO Filter media Star Systems Filtration Div.

GLOSSGARD Glossmeters Pacific Scientific

GLOVE-BAG Inflatable glove chambers Instruments for Research & Industry

GLOW-BOX Light boxes Instruments for Research & Industry

GOLDENFOIL Column heater (HPLC) Systec, Inc.

GRANT All products Science/ Electronics, Inc.

GRIP-N Hand protection NORTH

GUN MUFFLER Hearing protection NORTH

H

HALL Electrolytic conductivity detector for gas chromatography Tracor Instruments

HALO-MATICS EPA 624 capillary column Quadrex Corp.

HAN-D-MAG Demagnetizers (head) R. B. Annis Co., Inc.

HANDY-CAB HOOD Portable lab hood Instruments for Research & Industry

HAZEGARD Hazemeters Pacific Scientific

HCE High capacity balances Volland Corp.

HEEF Chromium plating processes and chemicals M & T Chemicals, Inc.

HEMOCCULT Fecal occult blood test Beckman Instruments, Inc.

HEMOX-Solution Nonhemolysing buffer solution (pH 7.40) TCS

HIDROSTAL Submersible pumps Wemco

HI-FLUX Electromagnetic equipment R. B. Annis Co., Inc.

HI-GAUSS Magnetizing equipment R. B. Annis Co., Inc.

HISTO-CLEAR Nontoxic histological clearing agent National Diagnostics, Inc.

HLD 3000 Halogen leak detector Inficon Leybold-Heraeus, Inc.

μ-HOMOGENIZER Tissue homogenizers Biospec Products, Inc.

HOOK-A-ROUND Instrument current transformers R. B. Annis Co., Inc.

HOTSPOT Heat lamps Instruments for Research & Industry

HUMETER Instruments for measurement of relative humidity Phys-Chemical Research Corp.

HUMI-SCAN 5 probe multiplexer Phys-Chemical Research Corp.

HUMITEMP Instruments for measurement and control of relative humidity and temperature Phys-Chemical Research Corp.

HUSHER Hearing protection NORTH

HyDAC Water treatment control equipment Cambridge Scientific Industries

HYDROFLUOR Nonhazardous liquid scintillator National Diagnostics, Inc.

HYDROSHEAR Mixer/emulsifiers, low-energy APV Gaulin, Inc.

HYDROX-SIL AQ Silylation formulations Regis Chemical Co.

HYGESAN Hand protection NORTH

HYGROCON Instruments for measurement and control of relative humidity Phys-Chemical Research Corp.

HYGROL Hygroscopic dehumidification Niagara Blower Co.

HYPASS Electrical condensers Sprague Electric Co.

HYREL Electrical components Sprague Electric Co.

IC-6000 Deposition controller for multi-film processes Inficon Leybold-Heraeus, Inc.

ICS Reagents and apparatus Beckman Instruments, Inc.

I.D.-ZONE Electrophoresis control reagents Beckman Instruments, Inc.

IMMOBOLINE Immobilized pH gradients LKB Produkter AB

IM(M)SORB Immunoabsorbent Calbiochem Biochemicals/Behring Diagnostics

IMPACT Clinical analyzers Gilford, Ciba-Corning

INSTA-ICE Dry ice making machine Polyfoam Packers Corp.

INSUL-BOY Insulated shipping containers Anderson Labs., Inc.

INSUL-ICE Reusable refrigerant packing material Polyfoam Packers Corp.

INTERLINK Computer hardware and software Beckman Instruments, Inc.

INTERSECT Reagents and controls Beckman Instruments, Inc.

IOCHROME World's highest purity chromium Materials Research Corp.

IONCOTEM Ion chromatograph ESA, Inc.

ISOCHECK Control serum Beckman Instruments, Inc.

ISOCULT Diagnostic culturing system Beckman Instruments, Inc.

ISODYNAMIC Magnetic susceptibility apparatus S. G. Frantz Co., Inc.

ISOVARAD Electrical capacitors Sprague Electric Co.

IsoPure SYSTEM Biocompatible liquid chromatography system Perkin-Elmer Corp.

ISO-THERMEX Thermocouple interface to computers Columbus Instruments International Corp.

J

JACK-O-MATIC Pneumatic jacks Instruments for Research & Industry

JENA Microscopes, optics Seiler Instrument & Mfg. Co., Inc.

JET-O-DRIER Flash drier Fluid Energy Processing & Equipment Co.

JET-O-MIZER Grinding mill Fluid Energy Processing & Equipment Co.

JUPITER Balances, 1-kg - 5-kg Voland Corp.

K

KAP-UTS Tube closures Bellico Glass, Inc.

KEL-MELT Sample remelt furnace Zeebac, Inc.

KJELGEST K_2SO_4 for nitrogen determination Thomas Scientific

KLEER-PAK Component packages Sprague Electric Co.

KLINA Flame system and accessories Beckman Instruments, Inc.

KOOLPAK Capacitor assemblies Sprague Electric Co.

K-PRIME 2000 Chromatography systems Amicon

KWIKETTE Wire connectors Sprague Electric Co.

L

LABARATUS Lab equipment Thomas Scientific

LAMBDA SERIES UV/VIS spectrophotometers Perkin-Elmer Corp.

LAMMERT or Lammert Vacuum pumps, compressors or gas boosters Sargent-Welch Scientific Co.

LBMGR Computer programs and related documentation Beckman Instruments, Inc.

μLC Liquid chromatography systems and components Beckman Instruments, Inc.

LC-PARTIGEN RID plates Calbiochem Biochemicals/Behring Diagnostics

LEAD-DONUT Lead stabilizers Instruments for Research & Industry

LECTURE-HOOD Portable lab hood Instruments for Research & Industry

LENS CLENS Optical cleaners, professional General Production Services, Inc.

LEVEL-MATIC Automatic level control and feed system The Singleton Corp.

LEWALab Hydraulically activated diaphragm laboratory metering pumps American Lewa, Inc.

Li-A, Li-B, Li-C, Li-D, Li-R, and Li-S High performance buffers Beckman Instruments, Inc.

LID/X Syringeless filtration unit Xyde Corp.

LIETS Immobilized bacterial luciferase Analytical Luminescence Lab., Inc.

LINK-BELT Vibrating screens FMC Corp.

LIPOCLEAN Clearing agent Calbiochem Biochemicals/Behring Diagnostics

LIQ-QA-PAC Kit Beckman Instruments, Inc.

LIQUID SPY Leak detectors Spectrum Medical Industries, Inc.

LIQUID-STAT Liquid enzyme reagents Beckman Instruments, Inc.

LIQUI-NOX Manual or ultrasonic washer. Liquid phosphate detergent Alconox, Inc.

LITTLE JACK Laboratory jack Precision Scientific, Inc.

LITTL-LYTIC Electrical capacitors Sprague Electric Co.

LOREX Glass pipets and centrifuge tubes Corning Glass Works

LUBRISEAL Stopcock grease and sealant Thomas Scientific

LUMADDEX Fetal lung maturity test Beckman Instruments, Inc.

LUMARD Ceramic milling jars Paul O. Abbe, Inc.

M

MACERASE Pectinase Calbiochem Biochemicals/Behring Diagnostics

MACROCARRIER Cell encapsulation medium and process Bellico Glass, Inc.

MAGNE-MATIC Magnetically agitated stirrers Thomas Scientific

MAGNEPHOT or Magnephot Light measuring instruments Sargent-Welch Scientific Co.

MAGNETREATER Magnetic treating systems Dowty RFL Industries, Inc.

MAN-O-WATCH Vacuum monitors Instruments for Research & Industry

MAR-O Proprietary differential stain for bone marrow and blood Anderson Labs., Inc.

MASTERLAB Laboratory robotics system Perkin-Elmer Corp.

MAT Microalloy transistors Sprague Electric Co.

MATCH Spectral matching system Pacific Scientific

MATHSET or Mathset Instruction manuals Sargent-Welch Scientific Co.

MATREX Chromatographic media Amicon

MAX-COAX Long range retroreflective scanners Skan-A-Matic Corp.

MAXIMA 820 Chromatography workstation Dynamic Solutions

MAXIPETTOR Pipets Brinkmann Instruments, Inc.

MAXI-SETTE Filtration Technology Corp.

MEGA-PURE Water purification systems Corning Glass Works

MEL-TEMP Capillary melting point apparatus Laboratory Devices

MELTMOUNTS Optical-quality thermoplastic for use in microscope slide mounting and other optical coupling applications R. P. Cargille Labs., Inc.

MEMORY-PAC Program modules Beckman Instruments, Inc.

METANET Ceramic circuits Sprague Electric Co.

METCLAD Proprietary copper laminates for printed wiring boards M & T Chemicals, Inc.

METFILM Electrical capacitors Sprague Electric Co.

METH-O-PURPLE pH indicators Anderson Labs., Inc.

MGS 10/20 Gamma counter Beckman Instruments, Inc.

MicroCoder MIC/ID data generation system Beckman Instruments, Inc.

MicroComp Data management system Beckman Instruments, Inc.

MicroData Epidemiology report service Beckman Instruments, Inc.

MicroDisk Limited volume inserts Sun Brokers, Inc.

MICROFIBRE Filter media Balston, Inc.

MICRO-FLO Syringes Dynatech Precision Sampling Corp.

MICROFUGE Centrifuge Beckman Instruments, Inc.

MICRO-GAP Specially designed valve for low energy homogenization of milk APV Gaulin, Inc.

MicroGradient Pumps Brownlee Labs

MICROGRAV Parts per billion gas mixture Scott Specialty Gases

MICRO-JET Grinding mill Fluid Energy Processing & Equipment Co.

MicroLink Caps for media bottles Sun Brokers, Inc.

MICROLITER Syringes Hamilton Co.

MICROMATE Syringes Popper & Sons, Inc.

MICROPAL Display Beckman Instruments, Inc.

MICROSCAN Particle size analyzers Quantachrome Corp.

MICROSON Cell disrupter Heat Systems-Ultrasonics, Inc.

MicroSun Glass inserts Sun Brokers, Inc.

MICROSYN DNA synthesizers Sytec, Inc.

MicroTech Clean room and static control chairs Ajusto Equipment Co.

MICROZONE Electrophoresis apparatus Beckman Instruments, Inc.

MIDGET Electric condensers Sprague Electric Co.

MIGHTY MODULE Signal conditioners, limit alarms and math function modules. Wilkerson Instrument Co., Inc.

MINI-BEADBEATER Microbial cell disrupters Biospec Products, Inc.

MINICON Microconcentrators Amicon

MINI-HOOD Portable lab hood Instruments for Research & Industry

MINI INJECTOR Syringes Dynatech Precision Sampling Corp.

MINILYTIC Electrolytic capacitors Sprague Electric Co.

MINIMONITOR Nuclear Associates

MININERT Teflon vial closure Dynatech Precision Sampling Corp.

MINI-SETTE Filtration Technology Corp.

MINITORCH Applied Research Labs.
MiniVial Scintillation vials Nuclear Associates
MIXXOR Separatory cylinder for liquid-liquid extraction Xyde Corp.
MLF Capacitor assemblies Sprague Electric Co.
MODULINE Chromatography columns Amicon
MODU-MAX Modularly constructed water treatment control equipment Cambridge Scientific Industries
MOLD-and-HOLD Nuclear Associates
MOLDATHERM II Ceramic fiber insulation Lindberg
MONITOR Electrochemical analyzer Beckman Instruments, Inc.
MONOLIGHT Luminometers Analytical Luminescence Lab., Inc.
MONOLYTHIC Electrical capacitors Sprague Electric Co.
MONOSORB Surface area analyzers Quantachrome Corp.
M-PARTIGEN RID plates Calbiochem Biochemicals/Behring Diagnostics
MULTIPHOR Flat-bed electrophoresis systems LKB Produkter AB
MUNIFLO Pumps Wemco
MYCOTECT Mycoplasma detection system Life Technologies, Inc.
MYSTAIRE Heat Systems-Ultrasonic, Inc.

N

N Hand protection NORTH
Na-A, -B, -C, -D, -R, and -S High performance buffers Beckman Instruments, Inc.
NALGENE Labware Nalge Co.
NanoSep Chromatography filters Sun Brokers, Inc.
NANO-SKAN Flexible snout fiber optic reflective scanners Skan-A-Matic Corp.
NEOTHROMTIN PPT reagent Calbiochem Biochemicals/Behring Diagnostics
NERMAG Mass spectrometers Delsi, Inc.
NETWORK SERVER Network hardware CPT Corporation
NEW GUARD LC columns Brownlee Labs
NEY 380 Fluxloss aluminum solders Ney Products, Inc.
NEYLITE Babbitts Ney Products, Inc.
NEYLO Low MPLT alloys Ney Products, Inc.
NICHEM Electroless nickel plating processes and chemicals M & T Chemicals, Inc.
Nin-R Ninhydrin reagents Beckman Instruments, Inc.
NIPAR S-20 2-nitropropane Angus Chemical Co.
NITRI-GUARD Hand protection NORTH
NITRI-FLEX Hand protection NORTH

NO FROST Frost-free refrigeration equipment Niagara Blower Co.
NOISE HUSHER Hearing protection NORTH
NONEX Nuclear Associates
NOR-PARTIGEN RID plates Calbiochem Biochemicals/Behring Diagnostics
NORPRENE Tubing and sheeting Norton Performance Plastics
NORTON 180 Eye/face protection NORTH
NOVA SERIES Filtration Technology Corp.
NOVACELL Stirred cell Filtration Technology Corp.
NOVASETTE Tangential flow of cassette systems Filtration Technology Corp.
N-PACK 300 Column packers Amicon
N-PATTERN Hand protection NORTH

O

ODS (Office Dialog System) 100 and 300 Minicomputers for automation applications (based on UNIX System V) (UNIX is a trademark of AT&T Bell Labs. CPT Corporation)
OFFICE COMPANION 2000 General purpose computers CPT Corporation
OFF-SET First aid NORTH
O/H PAK First aid NORTH
OMEGA SERIES Filtration Technology Corp.
OMEGACELL Stirred cell Filtration Technology Corp.
OMEGASETTE Filtration Technology Corp.
OPTICROM ADVANCE Gas and liquid chromatographs Applied Automation, Inc.
OPTICROM EC Industrial integrator/controllers Applied Automation, Inc.
OPTI-FOG Salt fog dispersion systems The Singleton Corp.
OPTI-MEM I Culture media Life Technologies, Inc.
OPTO-VARIMEX Animal activity meters Columbus Instruments International Corp.
OVER-TEMP PROBE High temperature cut-off Instruments for Research & Industry
OXFIL Capacitors Sprague Electric Co.
OXYMAX Oxygen Consumption/CO₂ production meters Columbus Instruments International Corp.

P

PACER Electrical capacitors Sprague Electric Co.
PADAC β -Lactamase substrate Calbiochem Biochemicals/Behring Diagnostics
PAIN-A-REST First aid NORTH
PAK-ALARM End-of-service indicators Scott Aviation

PANSORBIN Immunoabsorbent Calbiochem Biochemicals/Behring Diagnostics
PATHROMTIN PTT reagent Calbiochem Biochemicals/Behring Diagnostics
PATHWAY Control material Beckman Instruments, Inc.
PACEKEEPER Hearing protection NORTH
PEAK PERFORMER Preparative dual-column HPLC systems Dorr-Oliver, Inc.
PELLETRON Electrostatic particle accelerators National Electrostatics Corp.
pH pen Pocket pH meters Nester Instruments
PERFEKTUM Syringes, needles and valves Popper & Sons, Inc.
PERIM-ALERT Security systems NORTH
PERL Perkin-Elmer robot language Perkin-Elmer Corp.
PERMA-PROBE pH electrode Beckman Instruments, Inc.
PHASE RIA system Beckman Instruments, Inc.
PHASE-II Liquid chromatography column Bioanalytical Systems, Inc.
PHEMTO-CHEM Ion mobility spectrometry instruments and accessories PCP, Inc.
pHistol pH meters Beckman Instruments, Inc.
PHOENIX AND PHOENIX JR Micro full-page, black-on-white, advanced text processing CPT Corporation
PHOTOMET High resolution solder masking process M & T Chemicals, Inc.
PHOTOPROBE A photo-activatable form of biotin Vector Laboratories, Inc.
PICO-SKAN Flexible snout fiber optic reflective scanners Skan-A-Matic Corp.
PINHEAD Electrical condensers Sprague Electric Co.
PINKERTON Chromatography columns Regis Chemical Co.
PLAS-TEC Plastic valves Automatic Switch Co.
PlastiCup Compressible plastic powder sample briquetting cups Chemplex Industries, Inc.
PLASTI-SKAN Miniature LED reflective scanners Skan-A-Matic Corp.
PLUS CHEM Chemical reagents Beckman Instruments, Inc.
POCKET MAGNETOMETERS Gaussmeters R. B. Annis Co., Inc.
POLAROGRAPH or Polarograph Voltammetric analyzers Sargent-Welch Scientific Co.
PolyPaper Plastic paper Nalge Co.
POLYPORE LC columns Brownlee Labs
POLY-Q Vials Beckman Instruments, Inc.
PORTA-TEST Leak detectors Varian Associates, Inc., Vacuum Products Div.
POSI-TOT Nuclear Associates

POWERLYTIC Electrical capacitors Sprague Electric Co.
POWERSTAT Variable transformers The Superior Electric Co.
PRESSURE-FLO Syringes Dynatech Precision Sampling Corp.
PRESUR-PAK Breathing apparatus Scott Aviation
PRIMA VIAL Scintillation vials Nuclear Associates
PRIMA Nuclear Associates
PRIMADOSE Nuclear Associates
PRIMALERT Nuclear Associates
PRINTOHM Electrical resistors Sprague Electric Co.
PROBLEM-SOLVER Liquid chromatograph Bioanalytical Systems, Inc.
PRONASE Protease Calbiochem Biochemicals/Behring Diagnostics
PRO-PAK Protruded metal distillation packing Scientific Development Co.
PRO/PETTE Automatic liquid handling device Perkin-Elmer Corp.
PRO-SOLV General laboratory solvent Anderson Labs., Inc.
PROTOSTAIN Silver staining systems for electrophoresis National Diagnostics, Inc.
PureBond Fusible piping products of PFA Galtex Corp.
PYREX Laboratory glassware, rod and tubing Corning Glass Works
PYROPROBE Solid pyrolyzer Chemical Data Systems
PYROTEC PYROLYZER Instrument for detecting Freon gases Sensidyne, Inc.
PYTECHNOLOGY SYSTEM Laboratory robotics systems Zymark Corp.

Q

QCS Control clinical test Gilford, Ciba-Corning
QA/FORMASTER Finnigan Mat
QUADREX 100, 200 and PPC 100 and 200 AMU residual gas analyzers; partial pressure controller Inficon Leybold-Heraeus, Inc.
QUANTASORB Surface area analyzers Quantachrome Corp.
QUANTIPAC-P Liquid enzyme controls Beckman Instruments, Inc.
QUANTITATE Chemical reagents Beckman Instruments, Inc.
QUANTOPHOS Liquid acid phosphatase control Beckman Instruments, Inc.
QUANTUM 1200 Near-infrared/UV/VIS rapid-scan spectrophotometers for reflectance and transmittance modes. L. T. Industries, Inc.

R
RO-CHECK Nuclear Associates
ROCON Nuclear Associates
RO-GARD Radiation shields
 Instruments for Research & Industry
ROILENS Nuclear Associates
ROBOW Nuclear Associates
ROID Replacement parts kit, repair assemblies and components kits Beckman Instruments, Inc.
ROIO Technical data and graphs Beckman Instruments, Inc.
ROIO:FEEDER Volume proportioning chemical dosing pumps H. E. Anderson Co., Inc.
ROIO:GUARD TD5 controllers H. E. Anderson Co., Inc.
ROMASTER Power supplies and light sources George W. Gates & Co., Inc.
RODY-NIN Amino acid detection kit Beckman Instruments, Inc.
RODY-SOLV Scintillation solution Beckman Instruments, Inc.
ROOL COOL SNOOP Leak detectors Nupro Co.
ROTime Laboratory control system Beckman Instruments, Inc.
ROHAT Solenoid valves Automatic Switch Co.
ROI-AIV Air-operated valves Automatic Switch Co.
ROrac Fraction collectors AB Produkter AB
ROLABEL Micro slides and cover glasses Thomas Scientific
ROctoMonitor Refractive index detectors Milton Roy Co., LDC Div.
ROREE Barometers Analytical Products, Inc.
ROSIL Silylation formulations Sigis Chemical Co.
ROS ZERO Nuclear Associates
ROOLUTION Concentrate, the usable autoradiography enhancer EM Corp.
ROONSE Control sera Beckman Instruments, Inc.

ROL-LABETTE or Rol-Labette
 Movable science instruction demonstration tables Sargent-Welch Scientific Co.
ROLLER SMITH Balance, double hook Laboratory Products, Inc.
ROMICRON Ring lamps for microscopes George W. Gates & Co., Inc.
ROTA-CONE Blenders and vacuum dryers Paul O. Abbe, Inc.
ROTO-CELL Water-jacketed two-cell carrier for spectrophotometry Thomas Scientific
ROUTE REPORTING MIC Interpretation by route Beckman Instruments, Inc.

S

S AND GLOBE DESIGN House mark Sprague Electric Co.
THE SAFETY BULB Pipet aids Analytical Products, Inc.
SAFE-VUE Smoke candles E. Vernon Hill, Inc.
SafetySpin Centrifuges Beckman Instruments, Inc.
SAF-T-CLIMB Fall protection NORTH
SAMI II Service and maintenance indicator Ransco Industries, Inc.
SAMPLE-GUARD Water test shipper Polyfoam Packers Corp.
SAMPLE-LOK Syringes Dynatech Precision Sampling Corp.
SANSORBIN Immunoabsorbent Calbiochem Biochemicals/Behring Diagnostics
SARVAC or SarVac High vacuum pumps Sargent-Welch Scientific Co.
SCAL-LOK O-ring face seal fittings Parker-Hannifin Corp., Tube Fittings Div.
SCIENCENTER or ScienCenter Supply cabinets Sargent-Welch Scientific Co.
SCIENSET or ScienSet Instruction manuals Sargent-Welch Scientific Co.
SCIENTIFIC PLOTTER AND SCIENTIFIC PLOTTER-PC Graphics software Interactive Microwave Inc.
Select-Mate pH meters Beckman Instruments, Inc.
SENTINEL III Thin film deposition controller Inficon Leybold-Heraeus, Inc.
SEPRALYTE Bonded silica Analytichem International
SEQUAGEL Sequencing system for electrophoresis National Diagnostics, Inc.
7 SERIES High performance thermal analysis system Perkin-Elmer Corp.
SFC/200A Supercritical fluid chromatograph Suprex Corp.
SILENT BAND-IT Hearing protection NORTH
SILENT PARTNER Hearing protection NORTH
SINK-FLOATS Standards, hermetically sealed amber glass capsules for measuring and mounting liquid densities R. P. Cargille Labs., Inc.
SIX-PAK PLUS Syringes Dynatech Precision Sampling Corp.
SKAMP Amplified coaxial reflective scanners Skan-A-Matic Corp.
SKAN-COAX Coaxial fiber optic reflective scanners Skan-A-Matic Corp.
SKA-PAK Hose line respirator with egress cylinders Scott Aviation
SKAT-PAK Escape respirators Scott Aviation
SLIDER Automatic micro slide dispenser Thomas Scientific
SLIDER-PAK Specially designed micro slide package Thomas Scientific
SLING-PAK 15-minute breathing apparatus Scott Aviation
SLIP-LOK Head protection NORTH
SNOOP Leak detectors Nupro Co.
SOFT-PAC Software module Beckman Instruments, Inc.
SOLUTION 555 Rotor cleaning concentrates Beckman Instruments, Inc.
SOMALIGHT Releasing agent Analytical Luminescence Laboratory, Inc.
SONIC II Hearing protection NORTH
SONIC EAR VALVS Hearing protection NORTH

SPECTRA/MESH Filters Spectrum Medical Industries, Inc.
SPECTRAN Leak detectors Edwards High Vacuum, Inc.
SPECTRA POR Dialysis Spectrum Medical Industries, Inc.
SpectraSpan Plasma emission spectrometers Beckman Instruments, Inc.
SpectroBlend XRF powder sample blending additive Chemplex Industries, Inc.
SPECTRODISK Computer software for analytical instruments Beckman Instruments, Inc.
SPECTROGARD COLOR SYSTEM Spectrometers Pacific Scientific
SPECTROKIT Chemicals Milton Roy Co., Analytical Products Div.
SPECTROLINE All products Spectronics Corp.
SpectroMill Ball pestle in sample grinder Chemplex Industries, Inc.
SpectroMix XRF grinding briquetting additives Chemplex Industries, Inc.
SPECTROMONITOR Variable wavelength UV/VIS detector Milton Roy Co., LDC Div.
SpectroPress Automatic manual XRF presses Chemplex Industries, Inc.
SpectroStandards XRF spectrochemical standards Chemplex Industries, Inc.
SpectroVial Interior-coated XRF grinding/blending vials Chemplex Industries, Inc.
SPHERI-5 and 10 LC columns Brownlee Labs
SPHEROGEL Liquid chromatography columns Beckman Instruments, Inc.
μSPHEROGEL Chromatography columns and column packing materials Beckman Instruments, Inc.
SPLITOLYSIN Clearing agent Calbiochem Biochemicals/Behring Diagnostics
SPICE Sample preparation Instruments Analtech, Inc.
SPIN CHEM Chemical reagents Beckman Instruments, Inc.
SPINKOTE Lubricants

SRHS Chromium plating processes and chemicals M & T Chemicals, Inc.

STABILINE AC voltage monitors and automatic voltage regulators The Superior Electric Co.

STABILUR Tablets for stabilizing urine specimens for delayed laboratory microscope exam. R. P. Cargille Labs., Inc.

STACCAPS Graduated polypropylene beakers R. P. Cargille Labs., Inc.

STANDCO Tachometers and running time meters Herman H. Sticht Co., Inc.

STANNOCHLOR Anhydrous compound for antifoulants M & T Chemicals, Inc.

STARCELL Ion pumps Varian Associates, Inc., Vacuum Products Div.

STASAV VIS spectrometer Gilford, Ciba-Corning

STI-200 Automatic viscometer Precision Scientific, Inc.

STERILALL Sterilizers Consolidated Stills & Sterilizers

STERI-STILL Water stills Consolidated Stills & Sterilizers

Steroflash Sterilizers Consolidated Stills & Sterilizers

STEROMASTER Sterilizers Consolidated Stills & Sterilizers

STICKY MAT Cleanroom floor mat Controlled Environment Equipment Corp.

STING CARE PLUS First aid NORTH

STOPSLIP PTS Vinyl pads and clean room mats Solder Absorbing Technology, Inc.

STORMER Viscometers Thomas Scientific

STP MAGLEN Turbomolecular pumps Edwards High Vacuum, Inc.

STREAMLINE Samplers American Sigma

SUMP-GARD Plastic vertical pumps Vanton Pump & Equip. Corp.

SunJect Glass vials Sun Brokers, Inc.

SunVial Vials Sun Brokers, Inc.

SunWare Teflon and quartzware Sun Brokers, Inc.

SUPERCAPS Aluminum-clad fused silica capillary columns for high temperature gas chromatography Quadrex Corp.

SUPERMODULO/MODULO Laboratory freeze dryers Edwards High Vacuum, Inc.

SUPER PULSER LED modulating amplifiers Skan-A-Matic Corp.

SUPER PUMP Vacuum pumping systems Edwards High Vacuum, Inc.

SWAGELOK Tube fittings Crawford Fitting Co.

SWAK Thread sealant Cajon Co.

3S-WICK Desoldering braid Solder absorbing Technology, Inc.

SWIFT Microscopes Seiler Instrument & Mfg. Co., Inc.

SynChropak HPLC bulk supports and columns SynChrom, Inc.

SynChrorep Preparative columns and bulk supports SynChrom, Inc.

SynChrosorb Solvent conditioning supports SynChrom, Inc.

SYNSORB Immunoabsorbent Calbiochem Biochemicals/Behring Diagnostics

SYNTRON Vibrators and test sieve shakers FMC Corp.

SYSTEMATIC Electronically-controlled metering pumps Luft Instruments, Inc.

T

TAB Gas chromatography chemical Regis Chemical Co.

TABSORB Gas chromatography chemical Regis Chemical Co.

TACHISORB Immunoabsorbent Calbiochem Biochemicals/Behring Diagnostics

TANITE Resistors Sprague Electric Co.

TANOX Electrical capacitors Sprague Electric Co.

TANTALEX Electrical condensers Sprague Electric Co.

TANTAMOUNT Capacitors Sprague Electric Co.

TANTAPAK Capacitor assemblies Sprague Electric Co.

TARGET Control sera Beckman Instruments, Inc.

TBTO Organic compound for antifoulants M & T Chemicals, Inc.

TBZ-TRU Smoke guns and sticks E. Vernon Hill, Inc.

TCA Thermometers and hydrometers Thermometer Corp. of America

TECAM All products Techne, Inc.

TECHOPAK Chromatography adsorbents HPLC Technology, Ltd.

TECHSIL Chromatography adsorbents HPLC Technology, Ltd.

TECHSPHERE Chromatography adsorbents HPLC Technology, Ltd.

TEL-ALIGN Nuclear Associates

TELECAP Electrical condensers Sprague Electric Co.

TEMPETTE Circulating thermostats Techne, Inc.

TEMPUNIT Circulating thermostats Techne, Inc.

TERG-A-ZYME Manual or ultrasonic washer enzyme detergent. Powder for proteinaceous soils such as blood or body fluids Alconox, Inc.

THELCO Baths, incubators, ovens Precision Scientific, Inc.

THERMABELT Heat flow transducers Hauser Labs.

"THERMI CALE" Thermistor R-T parameters P.C. software diskette Fenwal Electronics/ADP

THERMOGUARD Flame retardants for PVC and other plastics M & T Chemicals, Inc.

THERMOLITE Stabilizers for PVC and other plastics M & T Chemicals, Inc.

THERMONITOR or TherMonitor Temperature control devices Sargent-Welch Scientific Co.

THERMOSAFE Insulated containers Polyfoam Packers Corp.

THERM-O-WATCH Lab controllers Instruments for Research & Industry

THERPAC Nuclear Associates

THIKOTES Thick-film capillary columns for gas chromatography Quadrex Corp.

THIOLYTE Fluorescent labeling compounds Calbiochem Biochemicals/Behring Diagnostics

THRU-PASS Electrical condensers Sprague Electric Co.

THYRO-SHIELD Nuclear Associates

TI BALL SOURCE Titanium pumps Varian Associates, Inc., Vacuum Products Div.

TIME-IT Solid-state timer Precision Scientific, Inc.

TISSUE TEAROR Tissue homogenizers Biospec Products, Inc.

TMA Analytical laboratory services Thermo Analytical, Inc.

TORQ Squeeze type, pinch, valve General Production Services, Inc.

TORQUE FLOW Submersible pumps Wemco

TORR SEAL Resin Varian Associates, Inc., Vacuum Products Div.

TOXIC ALERT Fixed toxic gas detection equipment Sensidyne, Inc.

TRACE Clinical chemistry system Beckman Instruments, Inc.

TRACE-KLEAN Cleaning solutions Beckman Instruments, Inc.

TRACERMASS Isotope ratio mass spectrometers Isotec, Inc.

TRANS-FIELD Bulk erasers R. B. Annis Co., Inc.

TRANSI-LYTIC Electrical capacitors Sprague Electric Co.

TRANSMAT Nuclear Associates

TRIAD Control sera Beckman Instruments, Inc.

TRI-CHECK Electrophoresis serum-based controls Beckman Instruments, Inc.

TRIGATE Pulse transformers Sprague Electric Co.

TRIPLE-LOK 37° flare Parker-Hannifin Corp., Tube Fittings Div.

TRI-POINT Pressure and temperature switches Automatic Switch Co.

TRIPOL Capacitors Sprague Electric Co.

TRIS AMINO Tris (hydroxymethyl) aminomethane Angus Chemical Co.

TRIS NITRO Tris (hydroxymethyl) nitromethane Angus Chemical Co.

TR-VIAL Tapered reaction vials Regis Chemical Co.

TSQ Finnigan Mat

TUFF CHIP Integrated circuits Sprague Electric Co.

TURBOTORR or TurboTorr Turbo-molecular high vacuum pumps Sargent-Welch Scientific Co.

TURBULA Blenders Glenmills, Inc.

TWINKLE Compact model plate and frame filter press Star Systems Filtration Div.

TWIST-LOK Capacitors Sprague Electric Co.

TYGON Tubing Norton Performance Plastics

TYPE HP Heatable plastic beaker Nalge Co.

U

UL 100 Portable helium leak detector Inficon Leybold-Heraeus, Inc.

ULTIMATE Reagent Beckman Instruments, Inc.

ULTRACLEAN Glassware cleaners Spectrum Medical Industries, Inc.

ULTRA-CLEAR Centrifuge tubes Beckman Instruments, Inc.

ULTRAFFINITY Affinity chromatography columns Beckman Instruments, Inc.

ULTRAMARZ Highest purity materials Materials Research Corp.

ULTRA OX 99.9999% pure oxygen Alphagaz Specialty Gases

ULTRAPAK Column packing materials and columns Beckman Instruments, Inc.

ULTRAPORE Column packing materials and columns Beckman Instruments, Inc.

ULTRAPREP Preparative liquid chromatography columns Beckman Instruments, Inc.

ULTRA-SAFE Constant temperature water T & S Brass and Bronze Works, Inc.

ULTRASIL Column packing material and columns Beckman Instruments, Inc.

ULTRASPHERE Column packing material and columns Beckman Instruments, Inc.

ULTRATEST F Automatic helium leak detector Inficon Leybold-Heraeus, Inc.

ULTRA-TORR Vacuum fittings Cajon Co.

ULTROL Buffers Calbiochem Biochemicals/Behring Diagnostics

ULTROPAC AAA chemicals LKB Produkter AB

ULTRORAC Fraction collectors LKB Produkter AB

ULTROTOME Ultramicrotomes LKB Produkter AB

UNIFLOW Fume hoods Hemco Corp.
UNILAB Regulated work areas Hemco Corp.
UNILINE Cabinets, counter tops, casework Hemco Corp.
UNIPAK Capacitor assemblies Sprague Electric Co.
UNIPLATE Recorded TLC plates Analtech, Inc.
UNIPLATE-T Tapered plate for preparative TLC Analtech, Inc.
UNIQUAL Control clinical test Gilford, Ciba-Corning
UNISIL Silica gel plates Analtech, Inc.
UNIVAR Electrical capacitors Sprague Electric Co.
UNWIRE Test tube racks Nalge Co.
URAC Test kit for urea Anderson Labs., Inc.
U-TEK Refrigerant packs Polyfoam Packers Corp.
UVICORD UV monitors LKB Produkter AB

V

VAC ELUT & VAC ELUT SPS 24 Sample processing station Analytichem International
VACION Ion pumps Varian Associates, Inc., Vacuum Products Div.

VACSORB Sorption pumps Varian Associates, Inc., Vacuum Products Div.
VACUTROL Vacuum regulators Spectrum Medical Industries, Inc.
VANGUARD Infrared temperature sensors Vanzetti Systems
VANGARD SYSTEMS Radiochromatogram scanners Biomedical Enterprises, Inc.
VAPOLERT Portable gas detection instruments Scott Aviation
VAPOTESTER Portable gas detection instruments Scott Aviation
VCO and VCR Vacuum/positive pressure fittings Cajon Co.
VECTASTAIN ABC kits for immunohistochemical staining Vector Laboratories, Inc.
VeloSep LC column Brownlee Labs
VERSA-RACK Sampling handling apparatus Beckman Instruments, Inc.
VERSASCAN Nuclear Associates
VERTI-LYTIC Electrolytic capacitors Sprague Electric Co.
VIDICHART II AND IV Graphics software Interactive Microware, Inc.

VIEW 20/20 Microbiology panel reader Beckman Instruments, Inc.
VISIPLUME SO₂ remote sensors Research Ventures, Inc.
VITAFIBER Cell culture systems Amicon
VITAMIN Q Electrical condensers Sprague Electric Co.
VORTEX MIXER Industrial high-shear mixtures General Production Services, Inc.
VYCOR Laboratory glassware, rod and tubing Corning Glass Works
VYDAC HPLC columns and separation materials The Separations Group

W

WHEELER Stainless steel flanges Varian Associates, Inc., Vacuum Products Div.
WHITE JACKET Capacitors Sprague Electric Co.
WIDEBETA Radioactivity detectors Beckman Instruments, Inc.
WIG-L-BUG Mixers Crescent Dental Mfg. Co.
WILEY Lab mills Thomas Scientific

WORKNIT Hand protection NORTH

X-Y-Z

YTC Thin film deposition monitor; deposition controller for single film use Inficon Leybold-Heraeus, Inc.
YELLOW JACKET Electrical capacitors Sprague Electric Co.
ZEPHYRAIR Hose line respirators Scott Aviation
ZEROMATIC pH meters Beckman Instruments, Inc.
ZETABIND Electrophoretic transfer membrane CUNO, Inc.
ZetaChrom Ion exchange chromatography devices CUNO, Inc.
ZETAPOR Positively charged nylon filtration membrane CUNO, Inc.
ZINCOV Inhibitor Calbiochem Biochemicals/Behring Diagnostics
ZITEX Filters Norton Performance Plastics
ZWITTERGENT Detergent Calbiochem Biochemicals/Behring Diagnostics
ZYMAT SYSTEM Laboratory robotics systems Zymark Corp.

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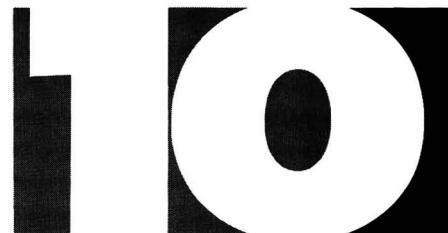
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Company Directory

All manufacturers of products and suppliers of services listed in Sections 4, 5, and 6 are listed alphabetically in this section. The complete address of each company is given and the telephone number when available.



- Aalborg Instruments & Controls, Inc.**, 2 Melnick Dr., Monsey, NY 10952. (914) 352-3171
- A & D Engineering, Inc.**, 1555 McCandless Dr., Milpitas, CA 95035. (408) 263-5333
- A & L Agricultural Laboratories**, 411 N. Third St., Memphis, TN 38105. (901) 527-2780
- A & L Great Lakes Agricultural Labs., Inc.**, 5011 Decatur Rd., Fort Wayne, IN 46806. (219) 456-3545
- Paul O. Abbe, Inc.**, 245 Center Ave., Little Falls, NJ 07424. (201) 256-4242
- Abbeon Cal, Inc.**, 123 Gray Ave., Santa Barbara, CA 93101. (805) 966-0810
- Abcor, Inc.**, Walden Div., 850 Main St., Wilmington, MA 01887. (617) 657-4250
- ABI Analytical/Kratos Div.**, 170 Williams Dr., Ramsey, NJ 07446. (201) 934-9000
- Accu-Labs Research, Inc.**, 11485 W. 48th Ave., Wheat Ridge, CO 80033. (303) 423-2766
- Accuspec Instrumentation Corp.**, 3375 Park Ave., Wantagh, NY 11793. (516) 783-9380
- Accutherm, Inc.**, 75 North St., P.O. Box 135, Pataskala, OH 43062. (614) 927-6812
- Ace Glass, Inc.**, 1430 N. West Blvd., Vineland, NJ 08360. (609) 692-3333
- Ace Lite Step Co.**, 1516 S. Wabash Ave., Chicago, IL 60605. (312) 663-9000
- Advanced Instruments, Inc.**, 1000 Highland Ave., Needham Heights, MA 02194. (617) 449-3000
- The Advanced Products Co.**, 33 Defco Park Rd., North Haven, CT 06473. (203) 239-3341
- Ainsworth**, 2050 S. Pecos St., Denver, CO 80223. (303) 936-7238
- Airco Special Gases**, 575 Mountain Ave., Murray Hill, NJ 07974. (201) 464-8100
- Airflow Developments (Canada), Ltd.**, 1281 Matheson Blvd., Mississauga, Ontario, Canada L4W 1R1. (416) 624-2133
- Air Products & Chemicals, Inc.**, P.O. Box 538, Allentown, PA 18105. (215) 481-4911
- Ajusto Equipment Co.**, P.O. Box 348, Bowling Green, OH 43402. (419) 244-4983
- Alberene Stone Co.**, Box 98, Schuyler, VA 22921. (804) 831-2291
- Alconox, Inc.**, 215 Park Ave., So., New York, NY 10003. (212) 473-1300
- Aldrich Chemical Co., Inc.**, 940 W. St. Paul Ave., Milwaukee, WI 53201. (414) 273-3850
- Alfa Products**, Morton Thikol, Inc., 152 Andover St., Danvers, MA 01923. (617) 777-1970
- Alfa-Laval, Inc.**, 2115 Linwood Ave., Ft. Lee, NJ 07024. (201) 592-7800
- Allied Analytical Systems**, 590 Lincoln St., Waltham, MA 02254. (617) 890-4300
- Allied Signal, Inc.**, P.O. Box 2064R, Morristown, NJ 07960. (201) 455-4400
- Alltech Associates/Applied Science**, 2051 Waukegan Rd., Deerfield, IL 60015. (312) 948-8600
- Alnor Instrument Co.**, 7555 N. Linder Ave., Skokie, IL 60077. (312) 647-7866
- Alphagaz Specialty Gases**, Div. of Liquid Air Corp., 2121 N. California Blvd., Walnut Creek, CA 94596. (415) 977-6500
- Alphamedics Mfg. Corp.**, 6401 McPherson Ave., Levittown, PA 19057. (215) 945-4500
- Alpkem Corp.**, P.O. Box 1260, Clackamas, OR 97015. (503) 657-3010
- Alsop Engineering Co.**, P.O. Box 3427, Kingston, NY 12401. (914) 338-0466
- Amber Science, Inc.**, 277 Blair Blvd., Eugene, OR 97402-4147. (503) 345-6877
- American Air Filter**, An Allis-Chalmers Co., P.O. Box 35690, Louisville, KY 40232. (502) 637-0011
- American Burdick and Jackson Labs.**, Sub. of American Hospital Supply Corp., 1953 S. Harvey St., Muskegon, MI 49442. (616) 726-3171
- American Gas & Chemical Co., Ltd.**, 220 Pegasus Ave., Northvale, NJ 07647. (800) 526-1008
- American Lewa, Inc.**, 132 Hopping Brook Rd., Holliston, MA 01746. (617) 429-7403
- American Magnetics, Inc.**, P.O. Box 2509, Oak Ridge, TN 37831-2509. (615) 482-1056
- American Optical Corp.**, 14 Mechanic St., Southbridge, MA 01550. (617) 765-9711
- American Scientific Products**, 1430 Waukegan Rd., McGaw Park, IL 60085. (312) 689-8410
- American Sigma**, One Elizabeth St., Middleport, NY 14105. (716) 735-3616
- American Standards Testing Bureau, Inc.**, 40 Water St., New York, NY 10004. (212) 943-3160
- American Ultraviolet Co.**, 134 Commerce St., Chatham, NJ 07928. (201) 635-8355
- Amersham Corp.**, 2636 S. Clearbrook Dr., Arlington Heights, IL 60005. (800) 323-6695
- Ames Co.**, Div. Miles Lab., Inc., 1127 Myrtle St., Elkhart, IN 46514. (219) 264-8284
- Ames Laboratories**, Box 3024, Milford, CT 06460. (203) 795-4376
- AMF Cuno, General Filter Products Div.**, 400 Research Pkwy., Meriden, CT 06450. (203) 237-5541
- AMF Laboratory Products**, 400 Research Pkwy., Meriden, CT 06450. (203) 238-8974
- AMF Molecular Separations Div.**, 400 Research Pkwy., Meriden, CT 06450. (203) 237-5541
- Amicon**, Div. of W. R. Grace & Co., 24 Cherry Hill Dr., Danvers, MA 01923. (617) 777-3622
- Amperex Electronic Corp.**, 230 Duffy Ave., Hicksville, NY 11802. (516) 931-6200
- Amprobe Instrument**, Div. of Core Industries Inc., 630 Merrick Rd., P.O. Box 329, Lynbrook, NY 11563. (516) 593-5600
- AMRAY, Inc.**, 160 Middlesex Pk., Bedford, MA 01730. (617) 275-1400
- AMRESCO**, 30175 Solon Industrial Pkwy., Solon, OH 44139. (216) 349-1199
- AMSCO/American Sterilizer Co.**, 2425 W. 23rd St., Erie, PA 16514. (814) 452-3100
- Anachemia Chemicals, Inc.**, P.O. Box 783, Champlain, NY 12919. (518) 298-4444
- ANACON**, 19 Bartlett St., Marlborough, MA 01752. (617) 481-7888
- Anadex, Inc.**, 9825 Desoto Ave., Chatsworth, CA 91311. (213) 998-8010
- Analabs**, 140 Water St., Norwalk, CT 06854. (203) 288-8463
- Analekt Instruments**, Div. of Laser Precision, 17819 Gillette Ave., Irvine, CA 92714. (800) 334-3433/(714) 660-8801
- Analog Devices, Inc.**, 2 Technology Way, Norwood, MA 02062. (617) 481-3293
- Analogy Technology Corp.**, 15859 E. Edna Pl., Irwindale, CA 91706. (213) 960-4004
- Anatech, Inc.**, 75 Blue Hen Dr., P.O. Box 7558, Newark, DE 19714. (302) 737-6960
- Analytic Parameters**, P.O. Box 25035, Chicago, IL 60625. (312) 728-2152
- Analytical Associates, Inc.**, 19380 Mt. Elliott, Detroit, MI 48234. (313) 369-9400
- Analytical Bio-Chemistry Labs., Inc.**, 7200 ABC Lane, P.O. Box 1097, Columbia, MO 65205. (314) 474-8579
- Analytical Development Corp.**, 1875 Willow Park Way, Monument, CO 80132. (303) 488-2777
- Analytical Instrument Development, Inc.**, Rt. 41 and Newark Rd., Avondale, PA 19311. (215) 268-3181
- Analytical Instruments Specialties, Inc.**, P.O. Box 596, Libertyville, IL 60048. (312) 362-3082
- Analytical Luminescence Laboratory, Inc.**, 11760E Sorrento Valley Rd., San Diego, CA 92121. (619) 455-9283
- Analytical Measurements, Inc.**, 31 Willow St., Chatham, NJ 07928. (201) 273-7500
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- Analytichem International**, 24201 Frampton Ave., Harbor City, CA 90710. (213) 539-6490
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- H. E. Anderson Co.**, P.O. Box 1006, 2100 Anderson Dr., Muskogee, OK 74402. (800) 331-9620
- Anderson Laboratories, Inc.**, 5901 Fitzhugh Ave., Fort Worth, TX 76119. (817) 457-4474
- Andonian Cryogenics, Inc.**, 26 Farwell St., Newtonville, MA 02160. (617) 969-8010
- Angstrom, Inc.**, P.O. Box 248, Belleville, MI 48111. (313) 697-8058
- Angus Chemical Co.**, 2211 Sanders Rd., Northbrook, IL 60062. (312) 498-6700
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- The Anspec Co., Inc.**, P.O. Box 7730, Ann Arbor, MI 48107. (313) 665-9666
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- Applied Biosystems, Inc.**, 850 Lincoln Centre Dr., Foster City, CA 94404. (415) 570-6667
- Applied Research Laboratories (ARL)**, 9545 Wentworth St., Sunland, CA 91040. (800) 631-6841
- Applied Test Systems, Inc.**, 348 New Castle Rd., P.O. Box 1529, Butler, PA 16003. (412) 283-1212
- APV Gaulin, Inc.**, 44 Garden St., Everett, MA 02149. (617) 387-9300
- Arbor Labs., Inc.**, 3784 Fabian Way, Palo Alto, CA 94303. (415) 494-8282
- Aremco Products, Inc.**, 23 Snowden Ave., Ossining, NY 10562. (914) 762-0685
- ARIES**, (Acton Research Instrument & Equipment Services, Inc.), 5A1 Damonmill Sq., Concord, MA 01742. (617) 369-9900
- Aromil Chemical Co.**, P.O. Box 7627, Baltimore, MD 21207. (301) 486-1354
- Arro Laboratories, Inc.**, Caton Farm Rd., Joliet, IL 60434. (815) 727-5436
- Artek Systems Corp.**, 170 Finn Court, Farmingdale, NY 11735. (516) 293-4420
- Artesian Labs., Inc.**, 660 Churchmans Rd., Newark, DE 19720. (302) 453-6920
- Ash Stevens Inc.**, Detroit Research Park, 5861 John C. Lodge Fwy., Detroit, MI 48202. (313) 872-6400

- Ashland Chemical Co.**, P.O. Box 2219, Columbus, OH 43216. (614) 889-4558
- Ashland Chemical Co., Scientific Gas Products**, 2330 Hamilton Blvd., S. Plainfield, NJ 07080. (201) 754-7700
- ASOMA Instruments, Inc.**, 12212-H Technology Blvd., Austin, TX 78727. (512) 258-6608
- Associated Laboratories**, 806 N. Batavia, Orange, CA 92668. (714) 771-6900
- Astra Scientific International, Inc.**, 1961 Concourse Dr., San Jose, CA 95131. (408) 433-3800
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- Astro Div., Thermal Technology, Inc.**, 606 Olive St., Santa Barbara, CA 93101. (805) 963-3461
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- Atkins Technical, Inc.**, 3401 S.W. 40th Blvd., Gainesville, FL 32608. (904) 378-5555
- Atlantic Ultraviolet Corp.**, 250 N. Fehr Way, Bayshore, NY 11706. (516) 586-5900
- Atomergic Chemetals Corp.**, 91 Carolyn Blvd., Farmingdale, NY 11735-1527. (516) 694-9000
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- Atomic Products Corp.**, Box R, Shirley, NY 11967. (516) 924-9000
- Automatic Switch Co.**, 50-60 Hanover Rd., Florham Park, NJ 07932. 1-(800) 972-ASCO
- Automation Products, Inc.**, 3030 Max Roy St., Houston, TX 77008. (713) 869-0361
- Axiom Chromatography**, Div. of Cole Scientific, Inc., 23966 Craftsman Rd., Calabasas (Los Angeles), CA 91302. (818) 346-1800
- Babcock & Wilcox, Research and Development Div.**, 1562 Beeson St., Alliance, OH 44601. (216) 821-9110
- Babcock & Wilcox, Tubular Products Div.**, P.O. Box 401, Beaver Falls, PA 15010. (412) 846-0100
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- Badger Meter, Inc.**, 6116 E. 15th St., Tulsa, OK 74112. (918) 836-8411
- Bailey Controls Co.**, Div. Babcock & Wilcox Co., 29801 Euclid Ave., Wickliffe, OH 44092. (216) 585-8500
- Baird Corp.**, 125 Middlesex Tnpk., Bedford, MA 01730. (617) 276-6000
- J. T. Baker Chemical Co.**, 222 Red School La., Phillipsburg, NJ 08865. (201) 859-2151
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- Balseal Engineering Co., Inc.**, 620 W. Warner Ave., Santa Ana, CA 92707. (714) 557-5192
- Balston, Inc.**, Box C, 703 Massachusetts Ave., Lexington, MA 02173. (617) 861-7240
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- Barnant Co.**, 28W902 Commercial Ave., Barrington, IL 60010. (312) 381-7050
- Barnebey-Cheney**, P.O. Box 2526, Columbus, OH 43216. (614) 258-9501
- Barnes Engineering Co.**, 44 Commerce Rd., Stamford, CT 06904. (203) 348-5381
- Barnstead Co.**, Sub. of Sybron Corp., 160 Wells Ave., Newton, MA 02159. (617) 969-8400
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- Baron Consulting Co.**, 273 Pepe's Farm Rd., Milford, CT 06460. (203) 874-5678
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- Baseline Industries, Inc.**, North Star Rte., P.O. Box 649, Lyons, CO 80540. (303) 823-6661
- Battelle Memorial Institute**, 505 King Ave., Columbus, OH 43201. (614) 424-6424
- Bausch & Lomb, Consumer Products Div.**, 42 East Ave., Rochester, NY 14604. (716) 338-6261
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- BBN Software Products Corp.**, One Alewife Pl., Cambridge, MA 02140. (617) 491-8488
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- Beckman Industrial Corp.**, 4141 Palm St., Fullerton, CA 92635. (714) 447-2335
- Beckman Instruments, Inc., Alex Div.**, 2350 Camino Ramon, P.O. Box 5101, San Ramon, CA 94583. (415) 866-0511/(800) 742-2345
- Beckman Instruments, Inc.**, 2500 Harbor Blvd., Fullerton, CA 92634. (714) 871-4848
- Bel-Art Products**, 6 Industrial Rd., Pequannock, NJ 07440. (201) 694-0500
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- Belco Glass, Inc.**, Box B, 340 Edrudo Rd., Vineland, NJ 08360. (800) 257-7043
- Bellofram Corp.**, 30 Blanchard Rd., Burlington, MA 01803. (617) 272-2100
- Benchmark Industries, Inc.**, 540 N. Commercial St., Manchester, NH 03105. (603) 627-8484
- Benson Polymeric, P.O. Box** 12812, Reno, NV 89510. (702) 825-1493
- Berghof/America, Inc.**, 27 Main St., Raymond, NH 03077. (603) 895-4757
- Berkeley Nucleonics Corp.**, 1101 Regatta Sq., Richmond, CA 94804. (415) 527-1121
- Bertan Associates, Inc.**, 121 New South Rd., Hicksville, NY 11801. (516) 433-3110
- Betec Laboratory**, 315 27th Ave., N.E., Minneapolis, MN 55418. (612) 782-1290
- Bethesda Research Labs.**, Life Technologies, Inc., 8717 Grovemont Circle, Gaithersburg, MD 20877. (301) 840-8000
- Bethlehem Apparatus Co., Inc.**, Front & Depot Sts., Hellertown, PA 18055. (215) 838-7034
- BGI, Inc.**, 58 Guinan St., Waltham, MA 02154. (617) 891-9380
- BHK, Inc.**, 1000 S. Magnolia Ave., Monrovia, CA 91016. (818) 357-9667
- Bico, Inc.**, 3116 Valhalla Dr., Burbank, CA 91510. (213) 849-2179
- Biddle Instruments**, 510 Township Line Rd., Blue Bell, PA 19422. (215) 646-9200
- B I F, A Unit of General Signal**, 1600 Division Rd., W. Warwick, RI 02893. (401) 885-1000
- Big Three Industries**, 11426 Fairmont Pkwy., P.O. Box 1026, LaPorte, TX 77571. (713) 474-4477
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- Biometric Technologies, Inc.**, 4174 Sorrento Valley Blvd., San Diego, CA 92121. (619) 453-6300
- Biomeasure, Inc.**, 11-15 E Ave., Hopkinton, MA 01748. (617) 435-6863
- Biomedical Enterprises, Inc.**, 73 Dogwood La., P.O. Box 257, Irvington, NY 10533. (914) 591-7980
- Bio-Molecular Dynamics**, P.O. Box 668, Beaverton, OR 97075. (503) 292-3089
- Bio-Rad Laboratories**, 1414 Harbour Way, South, Richmond, CA 94804. (415) 232-7000
- Bio-Rad Labs., Digilab Div.**, 237 Putnam Ave., Cambridge, MA 02139. (617) 868-4330
- Bioscan, Inc.**, 4590 MacArthur Blvd., N.W., Washington, DC 20007. (800) 255-7226
- Bio-Sep Co.**, 872 Autumn Dr., Walnut Creek, CA 94598. (415) 934-0656
- Biospec Products, Inc.**, P.O. Box 722, Bartlesville, OK 74005. (918) 333-2166
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- Blackstone Ultrasonics, Inc.**, 1111 Allen St., Jamestown, NY 14701. (716) 665-2620
- Blue M.**, A Unit of General Signal, 138th and Chatham St., Blue Island, IL 60406. (312) 385-9000
- B-M-A, Inc.**, P.O. Box 562, 31 Willows Rd., Ayer, MA 01432. (617) 772-3310
- The Boc Group, Inc.**, 85 Chestnut Ridge Rd., Montvale, NJ 07645. (201) 573-0800
- Boehringer Mannheim Diagnostics, Inc.**, 7800 Westpark, Houston, TX 77063. (713) 782-6740
- Boekel Industries, Inc.**, 509 Vine St., Philadelphia, PA 19106. (215) 627-1611
- Bohlin Reoligi AB**, Science Park Ideon, Lund, Sweden S-22370 (046) 15-0360
- Bomen U.S.A.**, 4 New Cashmill Dr., Newark, DE 19711.
- Bomen**, 625 Marais, Vanier, P.Q., Canada G1M 2Y2 (418) 683-1707
- B/R Instrument Corp.**, P.O. Box 7, Pasadena, MD 21122. (301) 647-2894/1-800-922-9206
- C. W. Brabender Instruments, Inc.**, 50 E. Wesley St., P.O. Box 2127, South Hackensack, NJ 07606. (201) 343-8425
- Brailsford & Co., Inc.**, 670 Milton Rd., Rye, NY 10580. (914) 967-1820
- Branchemco, Inc.**, 8286 Western Way CR./C-2, Jacksonville, FL 32216. (904) 737-0984
- Brandywine Research Laboratory, Inc.**, 226 W. Park Pl., Newark, DE 19711. (302) 368-2825
- Branson Ultrasonics Corp.**, Eagle Rd., Danbury, CT 06810. (203) 796-0400
- Branson Sonic Power Co.**, Eagle Rd., Danbury, CT 06810-1961 (203) 796-0400
- B. Braun Instruments**, 875 Stanton Ave., Burlingame, CA 94010. (415) 692-6022
- Breedlove, Dennis & Associates, Inc.**, 2412 Forsyth Rd., Orlando, FL 32807. (305) 677-1882
- Brinkmann Instruments, Inc.**, Cantigue Rd., Westbury, NY 11590. (516) 334-7500
- Briskheat Corp.**, P.O. Box 628, 1055 Gibbard Ave., Columbus, OH 43216. (614) 294-3376
- Bristol Babcock Inc.**, 40 Bristol St., Waterbury, CT 06708. (203) 575-3000
- Broadley-James Corp.**, 1714 S. Lyon St., Santa Ana, CA 92705. (714) 547-8061
- Brockway, Inc.**, 225 Water St., Jacksonville, FL 32202. (904) 791-4144
- Brookfield Engineering Labs., Inc.**, 240 Cushing St., Stoughton, MA 02072. (617) 344-4310
- Brooklyn Thermometer Co., Inc.**, 90 Verdi St., Farmingdale, NY 11735. (516) 694-7610
- Brooks Instrument Div.**, Emerson Electric Co., 407 W. Vine St., Hatfield, PA 19440. (215) 362-3669
- Brownlee Labs**, 2045 Martin Ave., Santa Clara, CA 95050. (408) 727-1346
- Braker Instruments, Inc.**, Manning Park, Billerica, MA 01821. (617) 667-9580
- Buchi, Div. Brinkmann Instruments Co.**, Cantigue Rd., Westbury, NY 11590. (516) 334-7500
- Buck Scientific, Inc.**, 58 Fort Point St., East Norwalk, CT 06855. (800) 562-5566
- Buehler Ltd.**, 41 Waukegan Rd., Lake Bluff, IL 60044. (312) 295-6500
- Burgess Analytical Laboratory**, 525 Ashland St., P.O. Box 981, North Adams, MA 01247. (413) 663-6769
- Burling Instruments, Inc.**, 16 River Rd., P.O. Box 298, Chatham, NJ 07928. (201) 633-9481
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- Cabot Corp.**, Refractory Metals Business Unit, 300 Holly Rd., Boyertown, PA 19512. (215) 367-1500
- Cahn Instruments, Inc.**, 16207 S. Carmenita Rd., Cerritos, CA 90701. (213) 926-3378
- Cajon Co.**, 9760 Shepard Rd., Macedonia, OH 44056. (216) 467-0200
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- Calbiochem Biochemicals/Behring Diagnostics**, 10933 N. Torrey Pines Rd., La Jolla, CA 92037. (800) 854-9256
- Caledon Laboratories, Ltd.**, 40 Armstrong Ave., Georgetown, Ontario, Canada L7G 4R9 (416) 877-0101
- Cal-Glass For Research, Inc.**, 3012 Enterprise St., Costa Mesa, CA 92626. (714) 546-7250/(213) 625-1121
- Calibrated Instruments, Inc.**, 731 Saw Mill River Rd., Ardsley, NY 10502. (914) 693-9232
- California Measurements, Inc.**, 150 E. Montecito Ave., Sierra Madre, CA 91024. (818) 355-3361
- Camag**, Chemie-Erzeugnisse Und, Adsorptionstechnik AG, Sonnenmattstrasse, 11, CH-4132 Muttenz 1, Switzerland (061) 61-34 34
- Cambridge Analytical Associates**, 1106 Commonwealth Ave., Boston, MA 02215. (617) 232-2207
- Cambridge Instrument Co., Inc.**, 40 Robert Pitt Dr., Monsey, NY 10952. (914) 356-3331
- Cambridge Isotope Labs.**, 20 Commerce Way, Woburn, MA 01801. (617) 938-0067
- Cambridge Physical Sciences**, Science Park, Milton Rd., Cambridge, England CB4 4DW (022) 335-8855
- Cambridge Scientific Industries**, Moose Lodge Rd., P.O. Box 265, Cambridge, MD 21613. (301) 228-5111
- Canberra Industries, Inc.**, One State St., Meriden, CT 06450. (203) 238-2351
- Capital Controls Co., Inc.**, P.O. Box 211, Colmar, PA 18915. (800) 523-2553

- Capitol Temp Control Corp.**, P.O. Box 509, 5 Colton Rd., Old Lyme, CT 06371. (203) 739-4421
- Carbolabs**, P.O. Box 3765 Amity Station, New Haven, CT 06525. (203) 393-3029
- R. P. Cargille Labs., Inc.**, 55 Commerce Rd., Cedar Grove, N. J. 07009. (201) 239-6633
- The Carlson Co., Inc.**, Hwy. 9 West, P.O. Box 71, Clinton, AR 72031. (501) 745-4811
- Carnegie-Mellon University**, API Standard Reference Materials, Schenley Park, Pittsburgh, PA 15213. (412) 268-2318
- Carpenter Technology Corp.**, 101 W. Bern St., Reading, PA 19601. (215) 371-2000
- G. Thomas Cartier**, 311 Middle Rd., Falmouth, Me. 04105. (207) 781-3813
- Fred S. Carver Inc.**, P.O. Box 428, Menomonee Falls, WI 53051. (414) 255-2540
- Cathodeon, Ltd.**, Nuffield Rd., Cambridge, England CB4 1TW (02) 236-5222
- CEA Instruments, Inc.**, 16 Chestnut St., Emerson, NJ 07630. (201) 967-5660
- Cel/Milton Roy**, 13508 S. Normandie Ave., Gardena, CA 90249. (213) 532-7400
- Cem Corp.**, P.O. Box 200, Matthews, NC 28106. (704) 821-7015
- Centorr Associates, Inc.**, Route 28, Suncook, NH 03275. (603) 485-9504
- Chemcon, Inc.**, 34 Mann St., S. Attleboro, MA 02703. (617) 761-6300
- CHEMetrics, Inc.**, Route 28, Calverton, VA 22016. (703) 788-9026
- Chemical & Pharmaceutical Industry Co., Inc.**, 267 Fifth Ave., New York, NY 10016. (212) 213-4685
- Chemical Data Systems**, 7000 Limestone Rd., Oxford, PA 19363. (215) 932-3636
- Chemical Dynamics Corp.**, Hadley Industrial Plaza, 3001 Hadley Rd., P.O. Box 395, S. Plainfield, NJ 07080. (201) 753-5000
- Chemical Research Supplies**, Div. of L. C. Co., Inc., 900 Westwood Ave., Addison, IL 60101. (312) 543-0290
- Chemical Waste Disposal Corp.**, 42-14 19th Ave., Astoria, NY 11105. (718) 274-3339
- Chemineer, Inc.**, P.O. Box 1123, 5870 Poe Ave., Dayton, OH 45401. (513) 454-3200
- Chemir Laboratories**, 761 W. Kirkham, Glendale, MO 63122. (314) 962-6704
- Chemplex Industries, Inc.**, 160 Marbledale Rd., Tuckahoe, NY 10707. (914) 337-4200
- Chem-Pro Corp.**, 27 Daniel Rd., P.O. Box 1248, Fairfield, NJ 07006. (201) 575-1924
- Chem Service, Inc.**, 660 Tower La., P.O. Box 3108, West Chester, PA 19381-3108 (215) 692-3026
- Chemsyn Science Laboratories**, 13605 W. 96th Ter., Lenexa, KS 66215. (913) 541-0525/(800) 233-6643
- Chemtrix, Inc.**, 5285 N.E. Elam Young Pkwy., Hillsboro, OR 97124. (503) 648-0762
- Chesapeake Software, Inc.**, Brandywood Plaza, 2500 Grubb Rd., Wilmington, DE 19810. (302) 475-5229
- Chromalox**, E. L. Wiegand Div., Emerson Electric Co., 641 Alpha Dr., Pittsburgh, PA 15238. (412) 967-3800
- Chrompack, Inc.**, 1130 Rt. 202, Raritan, NJ 08869. 1-800-526-3687
- Chrompack International B.V.**, Kuipersweg 6, P.O. Box 8033, Middelburg, The Netherlands 4330EA (011) 802-7352
- Chrono-Log Corp.**, 2 West Park Rd., Havertown, PA 19083. (215) 853-1130
- Cianflone Scientific Instruments Corp.**, 4898 Campbells Run Rd., Pittsburgh, PA 15205. (412) 787-3600
- Cincinnati Sub-Zero Products, Inc.**, 12011 Mosteller Rd., Cincinnati, OH 45241. (513) 772-8810
- Circle Seal Controls**, 1111 N. Brookhurst St., Anaheim, CA 92803. (714) 520-8534
- Clark-Cooper Corp.**, 464 N. Randolph Ave., Cinnaminson, NJ 08077. (609) 829-4580
- Classic Modular Systems, Inc.**, 1911 Columbus St., P.O. Box 116, Two Rivers, WI 54241. (414) 793-2269/1-800-558-7625
- Clay Adams**, Div. of Becton, Dickinson & Co., 299 Webro Rd., Parsippany, N. J. 07054. (201) 887-4800
- Clayborn Labs., Inc.**, P.O. Box 1273, Carson City, NV 89702. (702) 882-2533
- Climatronics Corp.**, 140 Wilbur Pl., Bohemia, NY 11716. (516) 567-7300
- Climet Instruments Co.**, P.O. Box 1760, 1320 W. Colton Ave., Redlands, CA 92373. (714) 793-2788
- CM Furnaces, Inc.**, 103 Dewey St., Bloomfield, NJ 07003. (201) 338-6500
- Cober Electronics, Inc.**, 102 Hamilton Ave., Stamford, CT 06902. (203) 327-0003
- Coherent, Inc.**, 3210 Porter Dr., P.O. Box 10321, Palo Alto, CA 94303. (415) 493-2111
- Colder Products Co.**, 2367 University Ave., St. Paul, MN 55114. (612) 645-0091
- Cole-Parmer Instrument Co.**, 7425 N. Oak Park, P.O. Box 48394, Dept. H, Chicago, IL 60648. (312) 647-7600
- Colorado Analytical Research and Development Corp.**, 4720 Forge Rd., 108, Colorado Springs, CO 80907. (303) 593-1165
- Colt Industries, Fairbanks Weighing Div.**, 711 E. St. Johnsbury Rd., St. Johnsbury, VT 05819. (802) 748-5111
- Columbia Organic Chemical Co., Inc.**, P.O. Box 1045, Camden, SC 29020. (803) 425-1786
- Columbia Scientific Industries Corp.**, P.O. Box 203190, 11950 Jollyville Rd., Austin, TX 78720. (512) 258-5191
- Columbus Chemical Industries, Inc.**, N4335 Temkin Rd., Columbus, WI 53925. (414) 623-2140
- Columbus Instruments International Corp.**, 950 N. Hague Ave., Columbus, OH 43204. (614) 488-6176
- Conostan Div., Conoco, Inc.**, P.O. Drawer 1267, Ponca City, OK 74603. (405) 767-3078
- Consolidated Equipment Supply Corp.**, 200 Oregon St., Mercersburg, PA 17236. (717) 328-5295
- Consolidated Still & Sterilizers**, 76 Ashford St., Boston, MA 02134. (617) 782-6072
- Continental Water Systems Corp.**, 5405 Bandera Rd. No. 117, San Antonio, TX 78238. (512) 680-2851
- Control Equipment Corp.**, P.O. Box 2154, 171 Lincoln St., Lowell, MA 01851. (617) 459-0573
- Controlled Environment Equipment Corp.**, 3 Delta Dr., Westbrook, ME 04092. (207) 854-9126
- Coors Spectro-Chemical Lab.**, 17750 W. 32nd Ave., Golden, CO 80401. (303) 277-4255
- Corco Chemical Corp.**, Tyburn Rd. & Cedar Lane, Fairless Hills, Pa. 19030. (215) 295-5006
- Core Laboratories**, 1300 E. Rochelle Blvd., Irving, TX 75062-3963. (214) 570-5055
- Corion Corp.**, 73 Jeffrey Ave., Holliston, MA 01746. (617) 429-5065
- Corning Glass Works**, Science Products Div., Corning, NY 14831. (607) 737-1667
- Corning Glass Works**, Science Products Div., MP21-5, Corning, NY 14831. (607) 737-1667
- Corporation Scientifique Caisse Inc.**, 2522, chemin Sainte-Foy, Sainte-Foy, Quebec, Canada G1V 1T5 (418) 656-6453
- Cosa Instrument Corp.**, 70 Oak St., Norwood, NJ 07648. (201) 767-6600
- Coulometrics, Inc.**, 4630 Indiana St., Golden, CO 80403. (303) 279-9601
- Coulter Electronics, Inc.**, P.O. Box 2145, Hialeah, FL 33012-0145. (305) 885-0131
- Coy Laboratory Products**, 22 Mettly Dr., Ann Arbor, MI 48103. (313) 663-1320
- CPT Corp.**, 8100 Mitchell Rd., P.O. Box 295, Minneapolis, MN 55440. (612) 937-8000
- Crane Co., Chempump Div.**, 175 Titus Ave., Warrington, PA 18976. (215) 343-6000
- Crane Co., Cochrane Environmental Systems Div.**, 800 Third Ave., King of Prussia, PA 19406. (215) 265-5050
- Craven Laboratories, Inc.**, 2800 Longhorn Blvd., Suite 103, Austin, TX 78759. (512) 836-4685
- Crawford Fitting Co.**, 29500 Solon Rd., Solon, OH 44139. (216) 248-4600
- Crescent Chemical Co., Inc.**, 1324 Motor Pkwy., Hauppauge, NY 11788. (516) 348-0333
- Crescent Dental Mfg. Co.**, 7750 W. 47th St., Lyons, IL 60534. (312) 447-8050
- Crippen Laboratories, Inc.**, 4027 New Castle Ave., New Castle, DE 19720. (302) 571-8882
- Crippen Consulting Associates, Inc.**, 242 N. James St., Suite 202, Wilmington, DE 19804. (302) 994-8000
- Crosby Valve & Gage Co.**, 43 Kendrick St., Wrentham, MA 02093. (617) 384-3121
- Cryogenic Rare Gas**, 913 Commerce Circle, Hanahan, SC 29410. (803) 747-0956
- Cryo-Med**, 49659 Leona Dr., Mt. Clemens, MI 48045. (313) 949-4507
- Crystalab, Inc.**, 612 Capitol Ave., Hartford, CT 06106. (203) 527-3215
- Crystallitics Co.**, P.O. Box 82286, Lincoln, NE 68501. (402) 421-2797
- CTI - Cryogenics**, Div. of Helix Technology Corp., 266 Second Ave., P.O. Box 9171, Waltham, MA 02254-9171. (617) 622-5400
- Culligan International Co.**, 1 Culligan Pkwy., Northbrook, IL 60062. (312) 498-2000
- CUNO, Inc.**, 400 Research Pkwy., Meriden, CT 06450. (203) 237-5541
- Curtis and Tompkins Laboratories**, 290 Division St., San Francisco, CA 94103. (415) 861-1863
- Custom Machine, Inc.**, 9200 George Ave., Cleveland, OH 44105. (216) 321-3995
- Custom Scientific Instruments, Inc.**, 13 Wing Dr., Cedar Knolls, NJ 07927. (201) 538-8500
- CVC Products, Inc.**, 525 Lee Rd., Box 1886, Rochester, NY 14603. (716) 458-2550
- G. W. Dahl Co., Inc.**, 86 Tupelo St., Bristol, RI 02809. (401) 253-9500
- C. R. Daniels, Inc.**, 3451 Ellicott Center Dr., Ellicott City, MD 21043-4191
- Dapple Systems**, 355 W. Olive Ave., Suite 100, Sunnyvale, CA 94086. (408) 733-3283
- Data Instruments, Inc.**, 4 Hartwell Pl., Lexington, MA 02173. (617) 861-7450
- Datametrics**, Div. of Edwards High Vacuum, 340 Fordham Rd., Wilmington, MA 01887. (617) 658-5410
- Data Translation, Inc.**, 100 Locke Dr., Marlboro, MA 01752. (617) 481-3700
- Del Electronics Corp.**, 250 E. Sanford Blvd., Mt. Vernon, NY 10550. (914) 699-2000
- Delaware Scientific Labs., Inc.**, 806 Percheron Dr., Bear, DE 19701. (302) 834-7800
- Dell Optics Co., Inc.**, 9226 Kennedy Blvd., N. Bergen, NJ 07047. (201) 869-7300
- Delsen Testing Labs., Inc.**, 1024 Grand Central Ave., Glendale, CA 91201. (213) 245-8517
- Delsi Inc.**, Nermag Div., 10 Kingsbridge Rd., Fairfield, NJ 07006. (201) 227-7690
- The Denominator Co., Inc.**, Main St., Woodbury, CT 06798. (203) 263-3210
- Denton Vacuum, Inc.**, Cherry Hill Industrial Center, 2 Pinoak Ave., Cherry Hill, NJ 08003. (609) 424-1012
- Despatch Industries, Inc.**, P.O. Box 1320, Minneapolis, MN 55440. (612) 331-1873
- Detroit Testing Laboratory, Inc.**, 8720 Northend Ave., Oak Park, MI 48237. (313) 398-2100
- DEVCO Engineering, Inc.**, 36 Pier Lane West, Fairfield, NJ 07006. (201) 228-0321
- Dexsil Corp.**, One Hamden Park Dr., Hamden, CT 06517. (203) 288-3509
- Dianachart, Inc.**, 129 Hibernia Ave., Rockaway, NJ 07866. (201) 625-2299
- Dieterich Standard**, A Dover Industries Co., 5601 N. 71st St., Box 9000, Boulder CO 80301. (303) 530-9600
- Difco Laboratories**, P.O. Box 1058, Detroit, MI 48232. (313) 961-0800
- Digi-Data Corp.**, 8580 Dorsey Run Rd., Jessup, MD 20794. (301) 498-0200
- Dionex Corp.**, 1228 Titan Way, Sunnyvale, CA 94086. (408) 737-0700
- Dohrmann**, 3240 Scott Blvd., P.O. Box 58007, Santa Clara, CA 95052-8007. (408) 727-6000
- Doric Scientific**, Div. Emerson Electric, Inc., 3883 Ruffin Rd., San Diego, CA 92123. (619) 565-4415
- Dorr-Oliver, Inc.**, 77 Havemeyer La., Stamford, CT 06904. (203) 358-3289
- Dosimeter Corp.**, 11286 Grooms Rd., Cincinnati, OH 45242. (513) 489-8100
- Dow Corning Corp.**, Box 994, Midland, MI 48686-0994. (517) 496-4000
- Dowty RFL Industries, Inc.**, Powerville Rd., Boonton, NJ 07005. (201) 334-3100
- D.R. Technology, Inc.**, Hidden Pines Dr., Clarksburg, NJ 08510. (201) 780-4664
- Dranetz Technologies, Inc.**, 1000 New Durham Rd., P.O. Box 4019, Edison, NJ 08818-4019. (201) 287-3680
- Dresser Industries**, Heise Instrument Div., P. O. Box 515, Newtown, CT 06470. (203) 426-3115
- Drummond Scientific Co.**, 500 Parkway, Broomall, PA 19008. (215) 353-0200
- Duke Scientific Corp.**, P.O. Box 50005, Palo Alto, CA 94303. (415) 424-1100
- E. I. duPont de Nemours & Co., Inc.**, 1007 Market St., Wilmington, DE 19898. (302) 774-2421
- E. I. duPont de Nemours & Co., Inc., Clinical & Instrument Systems Div.**, Wilmington, DE 19898. (302) 772-5488
- Duralab Equipment Corp.**, 107-23 Farragut Rd., Brooklyn, NY 11236. (718) 649-9600

- The Duriron Co., Inc.**, 425 N. Findlay St., Dayton, OH 45401. (513) 226-4000
- Dynalab Corp.**, 350 Commerce Dr., Rochester, NY 14623. (716) 334-2060/(800) 828-6595
- Dynamic Solutions**, Div. of Millipore, 2355 Portola Rd., Ventura, CA 93003. (805) 658-6612
- Dynatech Precision Sampling Corp.**, 8275 W. El Cajon Dr., P.O. Box 15886, Baton Rouge, LA 70895. (504) 927-1128/(800) 828-1653
- Dynatech Scientific, Inc.**, 99 Erie St., Cambridge, MA 02139. (617) 868-8050
- Dynatherm Analytical Instruments, Inc.**, P.O. Box 159, Kelton, PA 19346. (215) 869-4976
- Dynatron, Inc.**, Energy Conservation Systems, P.O. Box 745, Barnes Industrial Park, Wallingford, CT 06492. (203) 265-7121
- E2 Technology Corp.**, 4475 Dupont Ct. 9, Ventura, CA 93003. (805) 644-9544
- EACI/Enviroco**, 6701 Jefferson, N.E., P.O. Box 6468, Albuquerque, NM 87197. (505) 345-3561
- Eagle Manufacturing Co.**, 24th and Charles Sts., Wellsburg, WV 26070. (304) 737-3171
- Ealing Electro Optics, Inc.**, 22 Pleasant St., S. Natick, MA 01760. (800) 343-4912
- Eastern Chemical**, A Div. of United-Guardian, Inc., P.O. Box 2500, Smithtown, NY 11787. (516) 273-0900
- Eastern-Cleopak Corp.**, 77 Ridgeland Rd., Rochester, NY 14623. (716) 424-5600
- Eastern Laboratory Service Associates**, 517 N. George St., York, PA 17404. (717) 846-4953
- Eastman Kodak Co.**, (LRPD), 343 State St., Rochester, N. Y. 14650. (716) 722-2949
- EB Associates Labs., Inc.**, 2211 Main St., Bldg. C, Buffalo, NY 14214. (716) 833-0771
- Eberbach Corp.**, 505 S. Maple Rd., Dexter, MI 48106. (313) 665-8877
- Eberline Instrument Corp.**, P.O. Box 2108, Airport Rd., Santa Fe, NM 87504-2108 87501. (505) 471-3232
- E-C Apparatus Corp.**, 3831 Tyrone Blvd. N., St. Petersburg, FL 33709. (813) 344-1644
- Eco Instruments**, One Bridge St., Newton, MA 02158. (617) 964-8360
- EcoChem Analytical & Consulting Labs, Inc.**, 5 Strathmore Rd., Natick, MA 01760. (617) 653-9900
- E-D Scientific Specialties**, 1 West High St., Suite 209, Carlisle, PA 17013. (717) 243-1818
- EDAX International, Inc.**, 103 Schelter Rd., P.O. Box 135, Prairie View, IL 60069. (312) 634-0600
- EDCO Scientific, Inc.**, 506 Caswell Rd., P.O. Box 2305, Chapel Hill, NC 27515. (919) 942-3265
- Edmont**, Div. Becton, Dickinson & Co., 1300 Walnut St., Coshocton, Ohio 43812. (614) 622-4311
- Edmund Scientific Co.**, 101 E. Gloucester Pike, Barrington, NJ 08007. (609) 547-3488
- The Ednalite Corp.**, 200 N. Water St., Peekskill, NY 10566. (914) 737-4100
- Edwards High Vacuum, Inc.**, 3279 Grand Island Blvd., Grand Island, NY 14072. (716) 773-7552
- EG&G Gamma Scientific**, 3777 Ruffin Rd., San Diego, CA 92123. (619) 279-8034
- EG&G International, Inc.**, Environmental Equipment Div., 151 Bear Hill Rd., Watham, MA 02154. (617) 890-3710
- EG&G Inc., Electro-Optics Div.**, 35 Congress St., Salem, MA 01970. (617) 745-3200
- EG&G Ortec**, 100 Midland Rd., Oak Ridge, TN 37830. (615) 482-4411
- EG&G Princeton Applied Research**, Electrochemical Instruments Div., CN 5206, Princeton, NJ 08540. (609) 895-0100
- EG&G Sealol, Inc.**, P.O. Box 2158, Providence, R. I. 02905. (401) 781-4700
- EIMAC**, Div. of Varian, 301 Industrial Way, San Carlos, Calif. 94070. (415) 592-1221
- Emco Molded Products Co.**, 1075 W. North Temple, P.O. Box 300, Salt Lake City, UT 84110. (801) 526-2279
- Emco Process Equipment Co.**, P.O. Box 300, Salt Lake City, UT 84110. (801) 526-2000
- Ejay International**, P.O. Box 1835, Glendora, CA 91740. (714) 599-0836
- Eldex Laboratories, Inc.**, 831 Bransten Rd., San Carlos, CA 94070. (415) 592-9270
- Electro-Nucleonics, Inc.**, 350 Passaic Ave., Fairfield, NJ 07006. (201) 227-6700
- Electronic Associates, Inc.**, 185 Monmouth Pkwy., W. Long Branch, NJ 07764. (201) 229-1100
- The Electrosynthesis Co.**, P.O. Box 16, E. Amherst, NY 14051. (716) 684-0513
- Electrothermal, Inc.**, 275 Morristown Rd., P.O. Box 68, Gillette, NJ 07933. (201) 647-2900
- Element Analysis Corp.**, 1696 Capitol Circle, S.W., Tallahassee, FL 32304. (904) 576-5115
- Elkay Products, Inc.**, 800 Boston Tpke., P.O. Box 5247, Shrewsbury, Mass. 01545. (617) 845-2116
- Ellisco, Inc.**, American & Luzerne Sts., Philadelphia, PA 19140. (215) 223-3405
- Elmik Instruments, Inc.**, 3 Edison Pl., Fairfield, NJ 07006. (201) 882-8033
- EM Corp.**, 12 Middlesex Rd., P.O. Box 285, Chestnut Hill, MA 02167. (617) 965-6340
- EM Science**, 111 Woodcrest Rd., Cherry Hill, NJ 08034. (609) 354-9200
- Energy Service Co.**, B200 Walker Bldg., 734 15th St., N.W., Washington, DC 20005. (202) 737-6018
- Engelhard Corp.**, Engelhard Industries Div., 70 Wood Ave. S., CN 770, Iselin, N. J. 08830. (201) 632-6244
- Engineered Systems & Designs**, 3 S. Tatnall St., Wilmington, DE 19801.
- ENI Power Systems, Inc.**, 100 Highpower Rd., Rochester, NY 14623. (716) 427-8270
- Enraf-Nonius**, 390 Central Ave., Bohemia, NY 11716. (516) 589-2885
- Envinte Analytical Services**, 105 Commercial St., Watertown, CT 06795. (203) 274-5461
- Environmental Science & Engineering Corp.**, 1776 May's Chapel Rd., Mt. Juliet, TN 37122. (615) 758-5858
- Epic, Inc.**, 150 Nassau St., New York, NY 10038. (212) 349-2470
- Eppendorf**, Div. of Brinkmann Instruments, Inc., Cantiague Rd., Westbury, NY 11590. (516) 334-7500/(800) 645-3050
- The Eppley Laboratory, Inc.**, 12 Sheffield Ave., Newport, RI 02840. (401) 847-1020
- Equipto**, 225 S. Highland Ave., Aurora, IL 60507. (312) 859-1000
- Carlo Erba Strumentazione S.p.A.**, Strada Rivoltana, Rodano MI, Italy 02/95059.289
- ERDCO Engineering Corp.**, P.O. Box 1310, Evanston, IL 60204. (312) 328-0550
- Ericson Instruments Corp.**, 472 Madison Ave., Toms River, NJ 08753. (201) 341-3613
- Eriez Magnetics**, 485 Magnet Dr., Erie, PA 16514. (814) 833-9881
- Eugene Ernst Products Co.**, P.O. Box 427, Farmingdale, NY 07727. (201) 938-5641
- Ertel Engineering Co.**, 8-14 N. Front St., Kingston, NY 12401. (914) 331-4552
- ES Industries**, 8 S. Maple Ave., Marton, NJ 08053. (609) 983-3616
- ESA, Inc.**, 45 Wiggins Ave., Bedford, MA 01730. (617) 275-0100
- ESA Laboratories, Inc.**, 45 Wiggins Ave., Bedford, Mass. 01730. (617) 275-0100
- Esco Products**, 171 Oak Ridge Rd., Oak Ridge, N. J. 07438. (201) 697-3700
- Esterline Angus Instrument Corp.**, An Esterline Co., P.O. Box 24000, 1201 Main St., Indianapolis, IN 46224. (317) 244-7611
- Etec Corp.**, 3392 Investment Blvd., Hayward, Calif. 94545. (415) 783-9210
- Charles Evans & Associates**, 301 Chesapeake Dr., Redwood City, CA 94063. (415) 369-4567
- Extex Instruments**, 150 Bear Hill Rd., Waltham, MA 02154. (617) 890-7440
- Extrel Corp.**, P.O. Box 11512, 240 Alpha Dr., Pittsburgh, Pa. 15238. (412) 782-3884
- F & J Scientific**, 79 Far Horizon Dr., Monroe, Conn. 06468. (203) 268-3335
- Farchan Laboratories, Inc.**, P.O. Box 2430, Gainesville, FL 32602. (904) 378-5864
- Farmitalia Carlo Erba**, Analytical Div., Via Imbonati 24, Milano, Italy 20159. (003) 902-6995
- Farrand Optical Co., Inc.**, Commercial Products Div., 117 Wall St., Valhalla, N. Y. 10595. (914) 428-6800
- Fenwal Electronics/APD**, 450 Fortune Blvd., Milford, MA 01757. (617) 478-5255
- Ferranti Electric, Inc.**, 87 Modular Ave., Commack, NY 11725. (516) 543-0200
- Fiatron Laboratory Systems**, 510 S. Worthington, Oconomowoc, WI 53066. (414) 567-3810
- Fil-Chem, Inc.**, Paul Frank Div., 60 Franklin Ave., Brooklyn, NY 11205. (718) 625-3400
- Filterite/Brunswick Technetics Filtration Systems**, 2033 Greenspring Dr., Timonium, MD 21093. (301) 252-0800
- Filtron Technology Corp.**, P.O. Box 119, 500 Main St., Clinton, MA 01510. (617) 368-8582
- Finescale Co.**, 504-0 W. Chapman Ave., Orange, CA 92668. (714) 538-2435
- Finnigan MAT Institute**, 4450 Carver Woods Dr., Cincinnati, OH 45242. (513) 891-2100
- Finnigan MAT**, 355 River Oaks Pkwy., San Jose, CA 95134. (408) 433-4800
- George Fischer Foundry Systems, Inc.**, 407 Hadley St., P.O. Box 40, Holly, MI 48442. (313) 634-8251
- Fisher Controls International, Inc.**, P.O. Box 190, 205 S. Center St., Marshalltown, IA 50158. (515) 754-3011
- Fisher Scientific Co.**, 711 Forbes Ave., Pittsburgh, Pa. 15219. (412) 562-8300
- Fish-Schurman Corp.**, 70 Portman Rd., P.O. Box 319, New Rochelle, N. Y. 10802. (914) 636-1300
- Floridin Co.**, P.O. Box 187, Berkeley Springs, WV 25411. (800) 243-7500
- Fluid Energy Processing & Equipment Co.**, 153 Penn Ave., Hatfield, PA 19440. (215) 368-1655
- Fluid Metering, Inc.**, 29 Orchard St., P.O. Box 179, Oyster Bay, NY 11771. (516) 922-6050
- Fluka Chemical Corp.**, 980 S. Second St., Ronkonkoma, NY 11779. (516) 467-0980
- John Fluke Mfg. Co., Inc.**, P.O. Box C9090, Dept. 250C, Everett, WA 98206. (206) 356-5400
- Fluorocarbon Co.**, 1754 S. Clementine St., Anaheim, CA 92803. (714) 772-3000
- FMC Corp., Chemical Products Group**, 2000 Market St., Philadelphia, PA 19103. (215) 299-6000
- FMC Corp., Material Handling Equipment Div.**, Homer City, Pa. 15748. (412) 479-8011
- Forma Scientific**, P.O. Box 649, Mill Creek Rd., Marietta, OH 45750. (800) 421-3080
- Fotodyne, Inc.**, 16700 W. Victor Rd., New Berlin, WI 53151. (414) 786-9550
- The Foxboro Company**, Foxboro, MA 02035. (617) 543-8750
- Foxboro Analabs**, 80 Republic Dr., North Haven, Conn. 06473. (203) 288-8463
- S. G. Frantz Co., Inc.**, 31 E. Darrah La., P.O. Box 1138, Trenton, NJ 08606. (609) 882-7100
- The Fredericks Co.**, Philmont Ave. & Anne St., Huntingdon Valley, PA 19006. (215) 947-2500
- Friedrich & Dimmock, Inc.**, P.O. Box 230, Wheaton Ave., Milville, NJ 08332. (609) 825-0305/1-800-524-1131
- Frinton Labs.**, P.O. Box 2310, S. Vineland, NJ 08360. (609) 692-6902
- FSA Laboratory Supplies**, Bishop Meadow Rd., Loughborough LE 11 ORG, Leics, England (050) 923-1166
- FTS Systems, Inc.**, P.O. Box 158, Stone Ridge, NY 12484. (800) 453-0012
- Ernest F. Fullam, Inc.**, 900 Albany Shaker Rd., Latham, NY 12110. (518) 785-5533
- Futronic Inc.**, P.O. Box 2269, Sunnyvale, CA 94087. (408) 735-1122
- FX Systems Corp.**, 77 Cornell St., C.P.O. Box 1818, Kingston, NY 12401. (914) 338-0515
- Gaertner Scientific Corp.**, 1201 W. Wrightwood Ave., Chicago, IL 60614. (312) 281-5335
- GAF Chemicals Corp.**, 1361 Alps Rd., Wayne, NJ 07470. (201) 628-3000
- Galbraith Laboratories, Inc.**, 2323 Sycamore Dr., Knoxville, TN 37921. (615) 546-1335
- Galileo Electro-Optics Corp.**, Galileo Park, Sturbridge, MA 01518. (617) 347-9191
- Gallenkamp**, Belton Road West, Loughborough, Leics, England LE110TR (050) 923-7371
- Galtek Corp.**, 117 Jonathan Blvd., N., Chaska, MN 55318. (612) 448-6717
- Paul Gardner Co., Inc.**, 316 N.E. First St., Pompano Beach, FL 33060. (305) 946-9454
- George W. Gates & Co., Inc.**, P.O. Box 216, 1209 Hempstead Tpke., Franklin Square, NY 11010. (516) 352-2904
- GCA/Tropel Div.**, 60 O'Connor Rd., Fairport, NY 14450. (716) 377-3200
- GE/RCA Solid State**, Route 202, Somerville, NJ 08876. (201) 685-6426
- General Activation Analysis, Inc.**, 11575 Sorrento Valley Rd., Bldg. 214, San Diego, CA 92121. (619) 755-5121
- General Drug & Chemical Corp.**, 1100 Gentry, N. Kansas City, MO 64116. (800) 821-5643
- General Eastern Instruments Corp.**, 50 Hunt St., Watertown, MA 02172. (617) 923-2386
- General Electric Co.**, One Winners Circle-L, Albany, NY 12205. (518) 438-6500
- General Electric Co., Lamp Glass Dept.**, 24400 Highland Rd., Richmond Heights, Ohio 44143. (216) 266-4001
- General Electric Co., NMR Instruments**, 255 Fourier Ave., Fremont, CA 94539. (415) 490-8310

- General Fiber Optics, Inc.**, 98 Commerce Rd., Cedar Grove, NJ 07009. (201) 239-3400
- General Ionex Corp.**, 19 Graf Rd., Newburyport, MA 01950. (617) 462-7147
- General Production Services, Inc.**, 883 S. East St., Anaheim, CA 92805. (714) 535-2271
- General Scientific Equipment Co.**, 1821 JFK Blvd., Philadelphia, PA 19103. (215) 564-6366
- Geneva Research**, 175 Glengarry Dr., Geneva, IL 60134. (312) 208-1323
- George Associates, P.O. Box 960**, Berkeley, CA 94701. (415) 843-3587
- GFS Chemicals**, 867 McKinley Ave., Columbus, OH 43223. (614) 881-5501
- Gibco Labs.**, Life Technologies, Inc., 3175 Staley Rd., Grand Island, NY 14072. (716) 773-0700
- Gilford, Ciba-Corning**, 132 Artino St., Oberlin, OH 44074. (800) GILFORD
- Gilmont Instruments, Inc.**, 401 Great Neck Rd., Great Neck, NY 11021. (516) 487-0120
- Gilson Co., Inc.**, P.O. Box 677, Worthington, OH 43085. (614) 548-7298
- Gilson Medical Electronics, Inc.**, 3000 W. Beltline Hwy., Middleton, WI 53562. (608) 836-1551
- Glas-Col Apparatus Co.**, 711 Hulman St., Terre Haute, IN 47802. (812) 235-6167
- Glen Mills, Inc.**, 203 Brookdale St., Maywood, NJ 07607. (201) 845-4665
- Global Process Equipment, Inc.**, P.O. Box 12308, Hauppauge, NY 11788-0615. (516) 234-0500
- Globetech Corp.**, 13721 E. Rice Pl., Aurora, CO 80015. (303) 699-6900
- D. F. Goldsmith Chemical & Metal Corp.**, 909 Pitner Ave., Evanston, IL 60202. (312) 869-7800
- Gollob Analytical Service**, 47 Industrial Rd., Berkeley Heights, N. J. 07922. (201) 464-3331
- Goodfellow Metals Cambridge, Ltd.**, Science Park, Milton Rd., Cambridge, CB4 4DJ, England (800) 821-2870
- Gordon-Keeble, Inc.**, 23 Business Park Dr., Branford, Conn. 06405. (203) 481-5321
- Goslin-Birmingham, Inc.**, 3401 8th Ave., N., Birmingham, Ala. 35201. (205) 324-7511
- Gould, Inc., Recording Systems Div.**, 3631 Perkins Ave., Cleveland, OH 44114. (216) 361-3315
- Gow-Mac Instrument Co., P.O. Box 32**, Bound Brook, NJ 08805. (201) 560-0600
- W. R. Grace & Co., Davison Chemical Div.**, P.O. Box 2117, Baltimore, MD 21203. (301) 659-9000
- GraLab Instruments**, Div. of Dimco-Gray Co., 8200 S. Suburban Rd., Centerville, OH 45459. (513) 433-7600
- Granville-Phillips Co.**, 5675 E. Arapahoe Ave., Boulder, Colo. 80303. (303) 443-7660
- Graphic Controls Corp.**, Industrial Products Div., 189 Van Rensselaer St., P.O. Box 1271, Buffalo, NY 14240. (716) 853-7500
- Great Lakes Environmental Services, Inc.**, 22077 Mound Rd., Warren, MI 48091-1208. (313) 758-0400
- Great Lakes Instruments, Inc.**, 8855 N. 55th St., Dept. LGIE, Milwaukee, WI 53223. (414) 355-3601
- Greenard Press & Machine Co., Inc.**, 41 Crown St., Nashua, NH 03060. (603) 889-4101
- Greenwood Laboratories**, 903 E. Baltimore Pike, Kennett Square, PA 19348. (215) 388-7295
- Daniel C. Griffith & Co., Ltd.**, 2 Perry Rd., Witham, Essex, Great Britain CM8 3TU (037) 651-5081
- Grinnell Supply Sales Co.**, 155 Westminster St., Providence, RI 02903. (401) 831-7000
- Guided Wave, Inc.**, 5190 Golden Foothill Pkwy., El Dorado Hills, CA 95630. (916) 355-8110
- Gulton Graphic Instruments Div.**, A Mark IV Co., Gulton Industrial Park, E. Greenwich, RI 02818. (401) 884-6800
- Haake Buchler Instruments, Inc.**, 244 Saddle River Rd., Saddle Brook, NJ 07662. (201) 843-2320
- Hach Co.**, P.O. Box 389, Loveland, CO 80539. (303) 669-3050
- Hacker Instruments, Inc.**, P.O. Box 657, Fairfield, NJ 07007. (201) 226-8450
- Hamamatsu Corp.**, 420 South Ave., Middlesex, NJ 08846. (201) 469-6640
- Hamilton Co.**, 4970 Energy Way, Reno, NV 89502. (702) 786-7077
- Hamilton Industries**, 1316 18th St., Two Rivers, WI 54241. (414) 793-1121
- W. A. Hammond Drierite Co.**, 138 Dayton Ave., P.O. Box 460, Xenia, OH 45385. (513) 376-2927
- Handy & Harman Tube Co.**, Whitehall & Township Line Rd., Norristown, PA 19403. (215) 539-3900
- Hankison Corp.**, Air Products Div., 1000 Philadelphia St., Canonsburg, PA 15317. (412) 745-1555
- Hanovia, Inc.**, 100 Chestnut St., Newark, NJ 07105. (201) 589-4300
- Harrick Scientific Corp.**, 88 Broadway, P.O. Box 1288, Ossining, NY 10562. (914) 762-0020
- Harris Mfg. Co., Inc.**, 14 Republic Rd., N. Billerica, MA 01862. (617) 667-5116
- Harrop Industries, Inc.**, Laboratory Instrument Group, 3470 E. 5th Ave., Columbus, OH 43219. (614) 231-3621
- Harshaw/Filtrol**, 6801 Cochran Rd., Solon, Ohio 44139. (216) 248-7400
- Hart Scientific, Inc.**, 177 West 300 South, Provo, UT 84601. (801) 375-7221
- Harvard Apparatus**, 22 Pleasant St., S. Natick, MA 01760. (617) 655-7000
- R. J. Harvey Instrument Corp.**, 123 Patterson St., Hillsdale, N. J. 07642. (201) 664-1380
- Hastings Analytical Laboratory, Inc.**, 219 N. 8th St., Waco, TX 76701. (817) 753-4231
- Hauser Chemical Research, Inc.**, 4750 Nautilus Court, Boulder, CO 80301. (303) 530-4750
- Hauser Laboratories**, 5680 Central Ave., P.O. Box G, Boulder, CO 80306. (303) 443-4662
- C. I. Hayes, Inc.**, 800 Wellington Ave., Cranston, RI 02910. (401) 467-5200
- Hayward Industrial Products**, 900 Fairmount Ave., Elizabeth, NJ 07207. (201) 351-5400
- H-B Instrument Co.**, 4318 N. American St., Philadelphia, PA 19140. (215) 329-9125
- Heat Systems-Ultrasonics, Inc.**, 1938 New Hwy., Farmingdale, NY 11735. (516) 694-9555
- Heico Chemicals Div.**, Whittaker Corp., Delaware Water Gap, PA 18327. (717) 476-0353
- Karl Heitz, Inc.**, 34-11 62nd St., P.O. Box 427, Woodside, NY 11377. (718) 565-0004
- Helena Laboratories, Inc.**, 1530 Lindbergh Dr., Box 752, Beaumont, TX 77704. (409) 842-3714
- G. K. Heller Corp.**, 10 Mayflower Pl., Floral Park, NY 11001. (516) 775-7170/(800) 323-6674
- Heilma Cells, Inc.**, P.O. Box 544, Borough Hall Sta., Jamaica, NY 11424. (718) 544-9534
- HEMCO Corp.**, 111 N. Powell Rd., Independence, MO 64050. (816) 796-2900
- Hengar Co. Div.**, Troemner, Inc., 6825 Greenway Ave., Philadelphia, PA 19142. (215) 724-0800
- HETP**, Jarman Crest, Jarman Rd., Sutton, MacClesfield, Cheshire, England SK 11 0HJ (026) 05-2515
- Hewlett-Packard Co.**, Mail Stop 2083, 3000 Hanover St., Palo Alto, CA 94304. (415) 857-5731
- Hewlett Packard Co. (San Diego)**, 16399 W. Bernardo Dr., San Diego, CA 92127. (714) 487-4100
- Hexcel/Fine Organics**, 205 Main St., Lodi, N. J. 07644. (201) 472-6800
- Hiac/Royco Instruments Div.**, 141 Jefferson Dr., Menlo Park, CA 94025. (415) 325-7811
- The Hickok Electrical Instrument Co.**, 10514 Dupont Ave., Cleveland, OH 44108. (216) 541-8060/(800) 321-4664
- High Pressure Equipment Co.**, 1222 Linden Ave., Erie, PA 16505. (814) 838-2028
- High Vacuum Equipment Corp.**, 110 Industrial Park Dr., Hingham, MA 02043. (617) 749-9000
- Hilger Analytical Ltd.**, Westwood Estate, Margate, Kent, England CT9 4JL (084) 322-5131
- E. Vernon Hill, Inc.**, P.O. Box 7053, Corte Madera, CA 94925. (415) 924-6837
- Hilton-Davis Chemical Co.**, 2235 Langdon Farm Rd., Cincinnati, OH 45237. (513) 841-4000
- Hinds International, Inc.**, P.O. Box 929, Hillsboro, OR 97123. (503) 648-1355
- Hipotonics, Inc.**, Rt. 22, P.O. Drawer A, Brewster, NY 10509. (914) 279-8091
- Hi-Q Environmental Products Co.**, 7386 Trade St., San Diego, CA 92121. (619) 549-2820
- HNU Systems, Inc.**, 160 Charlemont St., Newton, MA 02161. (617) 964-6690
- Hoefer Scientific Instruments**, 654 Minnesota St., P.O. Box 77387, San Francisco, CA 94107. (415) 282-2307
- Hoke Incorporated**, 1 Tenakill Park, Cresskill, NJ 07626. (201) 568-9100
- Honeywell, Inc.**, Honeywell Plaza, Minneapolis, MN 55408. (612) 870-5200
- Honeywell, Inc., Industrial Controls Div.**, 1100 Virginia Dr., Fort Washington, PA 19034. (800) 328-5111
- Honeywell, Inc., Test Instruments Div.**, P.O. Box 5227, Denver, CO 80217-5227. (303) 773-4700
- Honeywell Bull, Inc.**, 3800 W. 80th St., Minneapolis, MN 55431. (612) 896-3800
- Horiba Instruments, Inc.**, 1021 Duryea Ave., Irvine, CA 92714. (714) 250-4811
- Hotpack Corp.**, 10940 Dutton Rd., Philadelphia, PA 19154. (215) 824-1700
- Houston Instrument**, 8500 Cameron Rd., Austin, TX 78753. (512) 835-0900
- HPLC Technology, Ltd.**, Wellington House, Waterloo St. West, Macclesfield, Cheshire, United Kingdom (062) 561-3848
- Huffman Laboratories, Inc.**, 4630 Indiana, Unit 1, Golden, CO 80403. (303) 278-4455
- Hunter Associates Laboratory, Inc.**, 11495 Sunset Hills Rd., Reston, VA 22090. (703) 471-6870
- Hydro Service & Supplies, Inc.**, P.O. Box 12197, Research Triangle Park, NC 27709. (919) 544-3744
- Hytrex Filters Div.**, Osmonics, Inc., 5951 Clearwater Dr., Minnetonka, MN 55343. (612) 933-2277
- IBM Instruments, Inc.**, P.O. Box 332, Danbury, CT 06810. (800) 243-7054
- ICN Biomedicals, P.O. Box 19536**, Irvine, CA 92713. (714) 545-0113
- ICN Dosimetry Service, Div. ICN Biomedicals, Inc.**, P.O. Box 19536, Irvine, CA 92713. (800) 251-3331
- Icon Services, Inc.**, 19 Ox Bow La., Summit, NJ 07901. (201) 273-0449
- Idealab, Inc.**, 305 Union St., P.O. Box 427, Franklin, MA 02038. (617) 528-9260
- Illinois Water Treatment Co.**, 4669 Shepherd Trail, Rockford, IL 61105. (815) 877-3041
- Impandex, Inc.**, 203 Brookdale St., Maywood, NJ 07607. (201) 845-4664
- Incell Corp.**, P.O. Box 11349, Milwaukee, WI 53211. (414) 263-4111
- INDCO, Inc.**, P.O. Box 589, New Albany, IN 47150. (812) 945-4383
- Independent Equipment Corp. (NJ)**, Route 202N, P.O. Box 460, Three Bridges, NJ 08887. (201) 782-5989
- Industrial Testing Laboratories, Inc.**, 2350 Seventh Blvd., St. Louis, MO 63104. (314) 771-7111
- Inficon Leybold-Heraeus, Inc.**, 6500 Fly Rd., E. Syracuse, NY 13057. (315) 437-0377
- Innovative Sensors, Inc.**, 4745 E. Bryson St., Anaheim, CA 92807. (714) 779-8781
- Institute for Research, Inc.**, 8330 Westglenn Dr., Houston, TX 77063-6392. (713) 783-8400
- Instrumentation Technology International**, 2743 Doverton Sq., Mountain View, CA 94040. (415) 960-3492
- Instruments For Research & Industry**, (I2R, Inc.), 110 Franklin Ave., Cheltenham, PA 19012. (215) 379-3333
- Instruments SA, Inc.**, 173 Essex Ave., Metuchen, NJ 08840. (201) 494-8660
- Interaction Chemicals, Inc.**, 1615 Plymouth St., Mt. View, CA 94043. (415) 969-2400
- Interactive Microware, Inc.**, P.O. Box 139, State College, PA 16804. (814) 238-8294
- Interactive Radiation, Inc.**, 181 Legrand Ave., Northvale, NJ 07647. (201) 767-1910
- Interex Corp.**, 520 W. County Rd. D, St. Paul, MN 55112. (612) 633-7788
- Interlab, Inc.**, Precision Rd., Dept. L, Danbury, CT 06810. (203) 748-5624
- InterMetro Industries Corp.**, 653 N. Washington St., Wilkes-Barre, PA 18705. (717) 825-2741
- International Crystal Labs, Inc.**, 11 Erie St., Garfield, NJ 07026. (201) 478-8944
- International Equipment Co.**, Div. of Damon, 300 Second Ave., Needham, MA 02194. (617) 449-0800
- International Equipment Trading Ltd.**, 3005 Commercial Ave., Northbrook, IL 60062. (312) 291-0777
- International Products Corp.**, P.O. Box 200, Trenton, NJ 08601. (609) 394-5480
- Interscan Corp.**, 21700 Nordhoff, P.O. Box 2496, Chatsworth, CA 91313-2496. (818) 882-2331
- Introtek International**, 120-C Jeffry Blvd., EAST, Deer Park, NY 11729. (516) 242-5423
- Ionics, Inc.**, 65 Grove St., Watertown, MA 02172. (617) 926-2500
- IOtech**, 23400 Aurora Rd., Cleveland, OH 44146. (216) 439-4091
- ISCO**, 4700 Superior Ave., Lincoln, NE 68504. (800) 228-4250
- Isolab, Inc.**, Drawer 4350, Akron, OH 44321. (216) 825-4525
- Isotec, Inc.**, 3858 Benner Rd., Miamisburg, OH 45342. (513) 866-1590
- IT Analytical Services**, 17605 Fabrica Way, Cerritos, CA 90701. (213) 921-9831
- Itek Corp.**, Lexington, Mass. 02173. (617) 276-2645
- Ithaco, Inc.**, 735 W. Clinton St., Box 6437, ITHACA, NY 14851-6437. (607) 272-7640
- ITT Barton Instruments**, 900 S. Turnbull Canyon Rd., City of Industry, Calif. 91749. (213) 961-2547

- Ivek Corp.**, 43 School St., N. Springfield, VT 05150. (802) 886-2238
- JACO Manufacturing Co.**, 468 Geiger St., Berea, OH 44017. (216) 234-4000
- JAECO Pump Co.**, 2925 Advance La., Colmar, PA 18915. (215) 822-6000
- Jamesbury Corp.**, Sub. of Combustion Engineering, Inc., 640 Lincoln St., Worcester, MA 01605. (617) 852-0200
- J&S Scientific, Inc.**, P.O. Box 396, Crystal Lake, IL 60014. (815) 455-4255
- J & W Scientific, Inc.**, 3871 Security Park Dr., Rancho Cordova, CA 95670. (916) 351-0387
- Janis Research Co., Inc.**, 2 Jewel Dr., P.O. Box 696, Wilmington, MA 01887. (617) 657-8750
- Janos Technology Inc.**, HCR No. 33, Box 25, Townshend, VT 05353. (802) 365-7714
- Japan Spectroscopic Co., Ltd.**, 5-2967, Ishikawacho, Hachioji, Tokyo, Japan 192. (042) 642-9225
- Jasco Inc.**, 314 Commerce Dr., Easton, MD 21601. (301) 822-1220
- Jeol U.S.A. Inc.**, 11 Dearborn Rd., Peabody, Mass. 01960. (617) 535-5900
- JEOL U.S.A. Inc.**, 3500 W. Bayshore Rd., Palo Alto, CA 94303.
- Jerome Instrument Corp.**, P.O. Box 336, Old High School Hwy 89A, Jerome, AZ 86331. (800) 952-2566
- The Jewett Refrigerator Co., Inc.**, 2 Letchworth St., Buffalo, NY 14213. (716) 881-0030
- Wm. B. Johnson & Associates, Inc.**, P.O. Box 98, Research Park, Montville, NJ 07045. (201) 334-9222
- Johnson Matthey, Inc.**, 436 Devon Park Dr., Wayne, PA 19087. (215) 341-8251
- Johnson Matthey, Inc.**, 1401 King Rd., W. Chester, PA 19380. (215) 648-8000
- Johnson-Precisa Balance**, Div. of Johnson Scale Co., 235 Fairfield Ave., W. Caldwell, NJ 07006. (201) 226-2100
- Jordi Associates, Inc.**, 26 Pearl St., Bellingham, MA 02019. (617) 966-1301
- Jumo Process Control, Inc.**, 410 Garibaldi Ave., Lodi, NJ 07644. (201) 779-7744
- Kahl Scientific Instrument Corp.**, P.O. Box 1166, El Cajon, CA 92022. (619) 444-2158
- Kalex Scientific Co., Inc.**, 7 Mora Court, Nanahasset, NY 11030. (516) 627-9438
- Kaman Instrumentation Corp.**, P.O. Box 7463, 1500 Garden of The Gods Rd., Colorado Springs, Colo. 80933. (303) 599-1825
- Karl Industries, Inc.**, P.O. Box 181, Aurora, OH 44202. (216) 562-4100
- Kato Engineering**, P.O. Box 99502, Cleveland, OH 44199. (800) 245-4501
- Kaye Instruments, Inc.**, 15 De Angelo Dr., Bedford, MA 01730. (617) 275-0300
- Kayeness, Inc.**, Rd 3, Box 30, Honeybrook, PA 19344. (215) 273-3711
- Kay-Ray, Inc.**, 390 Holbrook Dr., Wheeling, IL 60089. (312) 520-1100
- Kazmierowicz Instrument Co.**, (K I C), 26546 Aracena Dr., Mission Viejo, Calif. 92691. (714) 770-9891
- Keithley Instruments, Inc.**, 28775 Aurora Rd., Cleveland, Ohio 44139. (216) 248-0400
- Kel Instruments Co., Inc.**, P.O. Box 1869, Clifton, NJ 07015. (201) 471-3954
- Kelvinator Scientific**, 621 Quay St., Manitowoc, WI 54220. (414) 682-8891
- Kendall Infrared Laboratories**, 1030 Sherman Ave., Plainfield, NJ 07063. (201) 754-5205
- Kernco Instruments Co., Inc.**, 420 Kenazo Ave., El Paso, TX 79927. (915) 852-3375
- Keve Corp.**, 1101 Chess Dr., Foster City, Calif. 94404. (415) 573-5866
- Kewaunee Scientific Corp.**, Hwy. 21 North, Statesville, NC 28677. (704) 873-7202
- Keyan Industries, Inc.**, P.O. Box 1228, Middleboro, MA 02346. (617) 947-7719
- Kimball Physics, Inc.**, Kimball Hill Rd., Wilton, NH 03086. (603) 878-1616
- Kimble Div.**, Owens-Illinois, Inc., One Sea Gate, Toledo, Ohio 43666. (419) 247-5000
- Kinetic Systems Corp.**, 11 Maryknoll Dr., Lockport, IL 60441. (815) 838-0005
- Kinetic Systems, Inc.**, 20 Arboretum Rd., P.O. Box K, Roslindale, MA 02131. (617) 522-8700
- King Nutronics Corp.**, 6421 Independence Ave., Woodland Hills, CA 91367. (213) 887-5460
- King Refrigeration Mfg. Co.**, 217 129th Ave., Holland, MI 49424. (616) 392-6178
- King's Laboratory, Inc.**, P.O. Box 120, Blythwood, SC 29016. (803) 754-5152
- Kinney Vacuum Co.**, 495 Turnpike St., Canton, MA 02021. (617) 828-9500
- Kipp & Zonen**, 390 Central Ave., Bohemia, NY 11716. (516) 589-2885
- Klett Manufacturing Co., Inc.**, 37-06 36th St., Long Island City, NY 11101. (718) 786-9591
- Kloehn Co., Inc.**, 242 S. Gemini Ave., Brea, CA 92621. (714) 773-0313
- KMW Corp.**, 653 S. Melrose St., Placentia, CA 92670. (714) 528-2111
- Koehler Instrument Co., Inc.**, 1595 Sycamore Ave., Bohemia, N. Y. 11716. (516) 589-3800
- Kollmorgen Corp.**, Electro-Optical Div., 347 King St., Northampton, Mass. 01060. (413) 586-2330
- Kollsman Instrument Co.**, Daniel Webster Hwy., S. Merrimack, N. H. 03054. (603) 889-2500
- Kontes**, Spruce St., Vineland, NJ 08360. (609) 692-8500
- Kontron AG**, Analytical Div., Bernerstrasse Sud 169, Zurich, CH, Switzerland 8048. (01) 435-4111
- Kontron Instruments, Inc.**, 9 Plymouth St., Everett, MA 02149. (617) 389-6400
- Koslow Scientific Co.**, 75 Gorge Rd., Edgewater, NJ 07020. (800) 556-7569
- Krueger Food Labs., Inc.**, 24 Blackstone St., Cambridge, MA 02139. (617) 876-9118
- Kruger & Eckels, Inc.**, 1406 E. Wilshire, Santa Ana, CA 92705. (714) 547-5165
- LabClear**, 508 29th Ave., Oakland, CA 94601. (415) 534-7050
- Labconco Corp.**, 8811 Prospect Ave., Kansas City, MO 64132. (816) 333-8811
- Lab-Crest Scientific**, Div. of Fischer & Porter Co., E. County Line Rd., Warminster, Pa. 18974. (215) 674-6610
- Lab Fabricators Co.**, 1802 E. 47th St., Cleveland, OH 44103. (216) 431-5444
- Lab Glass, Inc.**, P.O. Box 610, Vineland, NJ 08360. (609) 691-3200
- Labindustries, Inc.**, 620 Hearst Ave., Berkeley, CA 94710. (415) 843-0220
- Lab-Line Instruments, Inc.**, 15th & Bloomingdale Aves., Melrose Park, IL 60160. (312) 450-2600
- Laboratory Craftsmen, Inc.**, P.O. Box 148, 2925 Bartells Dr., Beloit, WI 53511. (608) 362-2255
- Laboratory Devices, P.O.**, Box 402, Holliston, MA 01746-0402. (617) 429-1716
- Laboratory For Materials, Inc.**, P.O. Box 14, Burnt Hills, NY 12027. (518) 399-3815
- Laboratory Products, Inc.**, 57 Cornwall St., Box 1750, Boston, MA 02130. (617) 522-7800
- Laboratory Supplies Co., Inc.**, 29 Jeffry La., Hicksville, NY 11801. (516) 681-7711
- Lab Safety Supply Co.**, Div. of Science Related Materials, Inc., 3430 Palmer Dr., Janesville, WI 53546. (608) 754-2345
- Labsystems, Inc.**, 6200 W. Oakton, Morton Grove, IL 60053. (312) 967-5220
- Labtest Equipment Co.**, 11828 La Grange Ave., Los Angeles, CA 90025. (213) 478-2518
- Lachat Chemicals, Inc.**, 10,500 N. Port Washington Rd., Mequon, WI 53092. (414) 241-3872
- LaJolla Scientific Co., Inc.**, 7386 Trade St., San Diego, CA 92121. (619) 549-2818
- Lake Shore Cryotronics, Inc.**, 64 E. Walnut St., Westerville, OH 43081. (614) 891-2243
- Lambda Electronics**, 515 Broad Hollow Rd., Melville, L.I., NY 11747. (516) 694-4200
- Lambda/Ten Optics**, Div. of Optical Corp. of America, One Liberty Way, Westford, MA 01886. (617) 692-8140
- LaMotte Chemical Products Co.**, P.O. Box 329, Chestertown, MD 21620. (301) 778-3100
- Lancaster Laboratories, Inc.**, 2425 New Holland Pike, Lancaster, PA 17601. (717) 656-2301
- Landis & Gyr, Inc.**, 4 Westchester Plaza, Elmsford, NY 10523. (914) 592-4400
- L & R Manufacturing Co.**, 577 Elm St., Kearny, NJ 07032. (201) 991-5330
- Laser Optics, Inc.**, P.O. Box 127, Danbury, CT 06810. (203) 744-4160
- Laucks Testing Labs., Inc.**, 940 S. Harney St., Seattle, WA 98108. (206) 767-5060
- Lauda**, Div. of Brinkmann Instruments Co., Cantigue Rd., Westbury, NY 11590. (516) 334-7500
- LC Services Corp.**, 165 New Boston St., Woburn, MA 01801. (617) 938-1700
- Leco Corp.**, 3000 Lakeview Ave., St. Joseph, MI 49085. (616) 983-5531
- LECO Corp., Tem-Press Div.**, P.O. Box 390, Bellefonte, PA 16823. (814) 355-7903
- Lee Scientific**, 4426 South Century Dr., Salt Lake City, UT 84123-2513. (801) 261-2300
- Leeds & Northrup Instruments**, A Unit of General Signal, Sumneytown Pike, North Wales, PA 19454. (215) 643-2000
- Leeman Labs, Inc.**, 600 Suffolk St., Lowell, MA 01854. (617) 454-4442
- E. Leitz, Inc.**, 24 Link Dr., Rockleigh, NJ 07647-9987. (201) 767-1100
- Lektra Service Corp.**, 129-07 18th Ave., College Point, NY 11356. (718) 939-7171
- LeMont Scientific, Inc.**, 2011 Pine Hall Dr., State College, PA 16801. (814) 238-8403
- Lepel High Frequency Labs., Inc.**, 59-21 Queens-Midtown Expressway, Maspeth, N. Y. 11378. (212) 426-4580
- The Lewis Engineering Co.**, 238 Water St., Naugatuck, CT 06770. (203) 729-5253
- Leybold-Heraeus Vacuum Products, Inc.**, 5700 Mellon Rd., Export, PA 15632. (412) 327-5700
- LFE Corp., Instrument Div.**, 55 Green St., Clinton, MA 01510. (617) 835-1000
- Liberty Industries, Inc.**, 133 Commerce St., East Berlin, CT 06023. (203) 828-6361
- LI-COR, Inc.**, 4421 Superior St., Lincoln, NE 68504. (402) 467-3576
- Life Technologies, Inc.**, (Bethesda Research Labs. and GIBCO Labs., 8717 Grovemont Circle, Gaithersburg, MD 20877. (301) 840-8000
- Lightpath Cells, Inc.**, 5 Woods Hill, Ballwin, MO 63011. (314) 469-3013
- LINDBERG**, A Unit of General Signal, 304 Hart St., Watertown, WI 53094. (414) 261-7000
- Lindberg Enterprises, Inc.**, 9707 Candida St., San Diego, CA 92126. (619) 566-5656
- Linear Instruments Corp.**, 500 Edison Way, P.O. Box 12610, Reno, NV 89510-2610 89502. (702) 786-3636
- Link Analytical, Inc.**, 240B Twin Dolphin Dr., Redwood City, CA 94065. (415) 595-LINK
- Linseis, Inc.**, P.O. Box 666, Princeton Jct., NJ 08550. (609) 799-6282
- Liquid Carbonic**, 135 S. LaSalle St., Chicago, IL 60603. (312) 855-2500
- Liquid Metronics, Inc.**, 19 Craig Rd., Acton, MA 01720. (617) 263-9800
- LiquiFlo Equipment Co.**, 140 Mt. Bethel Rd., Warren, NJ 07060. (201) 754-1336
- LKB Instruments, Inc.**, 9319 Gather Rd., Gaithersburg, MD 20877. (301) 963-3200
- LKB Produkter AB**, Box 305, 161 26, Bromma, Sweden (08) 799-8000
- LND, Inc.**, 3230 Lawson Blvd., Oceanside, NY 11572. (516) 678-6141
- Lockwood and McLorie Inc.**, P.O. Box 113, Horsham, PA 19044. (215) 675-8718
- L.T. Industries, Inc.**, 6110 Executive Blvd., Rockville, MD 20852. (301) 468-6777
- Lucifer Furnaces, Inc.**, 2048 Bunnell Rd., Warrington, PA 18976. (215) 343-0411
- Ludlum Measurements, Inc.**, 501 Oak St., Sweetwater, TX 79556. (915) 235-5494
- Luft Instruments, Inc.**, Hillside Rd., P.O. Box 214, Lincoln, MA 01773. (617) 259-9215
- Lumidur Safety Products/E.S.P. Inc.**, 5364 N.W. 167th St., Miami, FL 33014. (305) 625-6511
- Lumonics, Inc.**, 105 Schneider Rd., Kanata, Ontario, Canada K2K 1Y3 (613) 592-1460
- LUXTRON**, 1060 Terra Bella Ave., Mt. View, CA 94043. (415) 962-8110
- 3M Co., Analytical Systems, 3M Center**, Bldg. 53-3, St. Paul, MN 55101. (612) 778-4012
- 3M Co., Static Control Systems**, P.O. Box 2963, Austin, TX 78769-2963. (800) 328-1368
- Macbeth**, Div. of Kollmorgen Corp., P.O. Box 230, Little Britain Rd., Newburgh, NY 12550. (914) 565-7660
- Magnaflex Corp.**, 7328 W. Lawrence Ave., Chicago, IL 60656. (312) 867-8000
- Majac**, Div. of Mikropul, 10 Chatham Rd., Summit, NJ 07901. (201) 273-6360
- Mallinckrodt, Inc.**, Science Products Div., 675 McDonnell Rd., P.O. Box 5840, St. Louis, MO 63134. (314) 895-2000
- Malvern Instruments, Inc.**, 200 Turnpike Rd., Southborough, MA 01772. (617) 480-0200
- M&T Chemicals Inc.**, Woodbridge Rd. & Randolph Ave., Rahway, NJ 07065. (201) 499-0200
- Manostat Corp.**, 519 8h Ave., New York, NY 10018. (212) 594-6262
- Manville**, Filtration & Minerals, P.O. Box 5108, Denver, CO 80217. (303) 978-2656
- March Instruments**, 125 J Mason Circle, Concord, CA 94520. (415) 827-1240
- Marco Scientific, Inc.**, 1055 Sunnyvale-Saratoga Rd. No. 8, Sunnyvale, CA 94087. (408) 739-9418

- Marconi Instruments, Div. of Marconi Electronics Inc.**, 3 Pearl Ct., Allendale, NJ 07401. (201) 934-9050
- Marsh-McBirney, Inc.**, 8595 Grovemont Circle, Gaithersburg, MD 20877. (800) 368-2723
- Martek Instruments, Inc.**, 17302 Daimler, Irvine, CA 92714. (714) 250-4738
- H. S. Martin, Inc.**, P. O. Box 661, Spruce St., Vineland, N. J. 08360. (609) 692-8700
- Masstron, Inc.**, 5710 Flatiron Pkwy., Boulder, CO 80302. (303) 440-7227
- Mast Development Co.**, 736 Federal St., Suite 3, Davenport, IA 52803. (319) 326-0141
- Master Appliance Corp.**, 2420 18th St., Racine, WI 53403. (414) 633-7791
- Materials Research Corp.**, Route 303, Orangeburg, NY 10962. (914) 359-4200
- Matheson Gas Products**, 30 Seaview Dr., Secaucus, NJ 07094. (201) 867-4100
- Mattson Instruments, Inc.**, 1001 Fourier Ct., Madison, WI 53717. (608) 831-5515
- McCrone Accessories & Components**, 2820 S. Michigan Ave., Chicago, IL 60616. (312) 842-7100
- Walter C. McCrone Associates, Inc.**, 2820 S. Michigan Ave., Chicago, IL 60616. (312) 842-7100
- McPherson**, 530 Main St., Acton, MA 01720. (617) 263-7733
- MDA Scientific, Inc.**, 405 Barclay Blvd., Lincolnshire, IL 60069. (312) 634-2800
- Mead Instruments Corp.**, P.O. Box 367, Sussex, NJ 07461. (201) 875-1525
- Measurement Controls Corp.**, 74 Inverness Dr., E., Englewood, CO 80112. (303) 792-3300
- Mechanical Technology, Inc.**, 968 Albany-Shaker Rd., Latham, NY 12110. (518) 785-2211
- Mech-Tronics Nuclear**, 1701 N. 25th Ave., Melrose Park, IL 60160. (312) 344-0202
- Medical Laboratory Automation, Inc.**, 270 Marble Ave., Pleasantville, NY 10570. (914) 747-3020
- Medro Systems, Inc.**, 1305 Summit Ave., Plano, TX 75074. (214) 423-8488
- MEI-Charlton, Inc.**, 2233 S.W. Canyon Rd., Portland, OR 97201. (503) 228-9663
- The Mellen Co., Inc.**, R.F.D. 5, Penacook, NH 03303. (603) 648-2121
- Mensor Corp.**, P.O. Box 925, San Marcos, TX 78667. (512) 396-4200
- Merck Sharp & Dohme/Isotopes, P.O.** Box 899, Pointe Claire-Dorval, Quebec Canada H9R 4P7. (514) 697-2823
- Merck Sharp & Dohme/Isotopes**, 4545 Oleatha Ave., St. Louis, MO 63116. (800) 325-9034
- Meriam Instrument, Div. of Scott & Fetzer Co.**, 10920 Madison Ave., Cleveland, OH 44102. (216) 281-1100
- Metrohm, Div. of Brinkmann Instruments Co.**, Cantigue Rd., Westbury, NY 11590. (516) 334-7500
- Mettler Instrument Corp.**, Box 71, Hightstown, NJ 08520. (609) 448-3000
- Meylan Corp.**, 264 W. 40th St., New York, NY 10018. (212) 391-9150
- MFE Instruments Corp.**, Keewaydin Dr., Salem, NH 03079. (603) 893-1921
- M G Industries, P.O.** Box 945, 2460 Boulevard of The Generals, Valley Forge, PA 19482. (215) 630-5400
- Micro-Analysis, Inc.**, P.O. Box 5088, Wilmington, DE 19808. (302) 994-6531
- Micro Coatings**, One Liberty Way, Westford, MA 01886. (617) 692-8140
- Microelectrodes, Inc.**, Oak Hill Park, Londonderry, NH 03053. (603) 668-0692
- Micromedic Systems, Inc.**, 102 Witmer Rd., Horsham, PA 19044. (800) 523-2450
- Micromeritics Instrument Corp.**, One Micromeritics Dr., Norcross, GA 30093-1877. (404) 662-3633
- Micro-Now Instrument Co., Inc.**, P.O. Box 1488, 8260 Elmwood St., Skokie, IL 60076. (312) 677-4700
- Microscal, Ltd.**, 79 Southern Row, London, W10 5AL, U.K. (01) 969-3935
- Midland Ross, Electronic Connector Div.**, One Alewife Pl., Cambridge, MA 02140. (617) 491-5400
- Franklin Miller, Inc.**, 60 Okner Pkwy., Livingston, NJ 07039. (201) 535-9200
- Millipore Corp.**, Ashby Rd., Bedford, MA 01730. (800) 225-1380
- Milton Roy Co.**, 820 Linden Ave., Rochester, NY 14625. (716) 248-4000
- Milton Roy Co., Analytical Products Div.**, 820 Linden Ave., Rochester, NY 14625. (716) 248-4231
- Milton Roy Co., LDC Div.**, 3661 Interstate Park Rd., N., Riviera Beach, FL 33403. (305) 844-5241
- Mine Safety Appliances Co.**, P.O. Box 426, Pittsburgh, PA 15230. (800) MSA-2222
- Mitsubishi Chemical Industries, Ltd.**, Mitsubishi Bldg., 5-2, Marunouchi 2-chome, Chiyodoku, Tokyo 100, Japan. (03) 455-4220
- Mixing Equipment Co., Inc.**, A Unit of General Signal, 135 Mt. Read Blvd., P.O. Box 1370, Rochester, NY 14603. (716) 436-5550
- MKS Instruments, Inc.**, Six Shattuck Rd., Andover, MA 01810. (617) 975-2350
- Modulation Optics, Inc.**, 100 Forest Dr., Greenvale, NY 11548. (516) 484-2610
- Moisture Systems Corp.**, 117 South St., Hopkinton, MA 01748. (617) 435-6881
- Molecular Probes, Inc.**, 4849 Pitchford Ave., Eugene, OR 97402. (503) 344-3007
- Molecular Structure Corp.**, 3304 Longmire Dr., College Station, TX 77840. (409) 693-9729
- Molytek, Inc.**, 2419 Smallman St., Pittsburgh, PA 15222. (412) 261-9030
- Monenco Analytical Laboratories**, 2023 2nd Ave., S.E., Calgary, Alberta, Canada T2E 6K1. (403) 273-2525
- Monitor Labs, Inc.**, 10180 Scripps Ranch Blvd., San Diego, CA 92131. (619) 578-5060
- Monroe Electronics, Inc.**, 100 Houzel Ave., Lyndonville, NY 14098. (716) 765-2254
- Morgan-Schaffer Corp.**, 5110 Courtrai Ave., Montreal H3W 1A7, Quebec, Canada. (514) 739-1967
- Morse Labs, Inc.**, 1525 Fulton Ave., Sacramento, CA 95825. (916) 481-3141
- MSA-Advanced Systems Div.**, P.O. Box 429, Pittsburgh, PA 15230. (412) 538-3510
- MTEC Photoacoustics, Inc.**, P.O. Box 1095, Ames, IA 50010
- MultiChem Laboratories, Inc.**, 171 Lincoln St., Lowell, MA 01851. (617) 459-9172
- Multi-Metal Wire Cloth Inc.**, 501 Route 303, Tappan, N. Y. 10983. (914) 359-3000
- MVE Cryogenics**, 407 7th St., New Prague, MN 56071.
- Myron L Co.**, 62310 Yarrow Dr., Carlsbad, CA 92008-4893. (619) 438-2021
- Naige Co.**, Sub. of Sybron Corp., P.O. Box 20365, Rochester, NY 14602-0365. (716) 586-8800
- Nanometrics, Inc.**, 690 E. Arques Ave., Sunnyvale, CA 94086. (408) 735-1044
- NAPCO**, 20210 S.W. Teton, Tualatin, OR 97062. (503) 692-4686/ (800) 547-2555
- National Bureau of Standards, Bldg.** 222-Room B-311, Gaithersburg, MD 20899. (301) 975-6776
- National Diagnostics, Inc.**, 1013-1017 Kennedy Blvd., Manville, NJ 08835. (201) 722-8600/(800) 526-3867
- National Draeger, Inc.**, P.O. Box 120, 101 Technology Dr., Pittsburgh, PA 15230. (412) 787-8383
- National Electrostatics Corp.**, P.O. Box 310, Graber Rd., Middleton, WI 53562. (608) 831-7600
- National Food Laboratory**, 6363 Clark Ave., Dublin, CA 94568. (415) 828-1440
- National Institute For Petroleum and Energy Research**, Box 2128, Bartlesville, OK 74005. (918) 336-2400
- National Instrument Co., Inc.**, 4119 Fordleigh Rd., Baltimore, MD 21215. (301) 764-0900
- National Spectrographic Laboratories, Inc.**, 7650 Hub Pkwy., Valley View, OH 44125. (216) 447-1550
- Nebraska Testing Corp.**, 4453 S. 67th St., Omaha, NE 68117. (402) 331-4453
- Nederman, Inc.**, 6100 Hix Rd., West Land, MI 48185. (313) 729-3344
- Nelson Analytical, Inc.**, 10040 Bubb Rd., Cupertino, CA 95014. (408) 725-1107
- Neptune Chemical Pump Co.**, Box 247, Lansdale, Pa. 19446
- Neslab Instruments, Inc.**, P.O. Box 1178, Portsmouth, NH 03801. (603) 436-9444
- Nester Instruments, Div. of Leeds & Northrup**, P.O. Box 1187, Millville, NJ 08332. (609) 825-0254
- Nelzsch Inc.**, 119 Pickering Way, Etxon, PA 19341. (215) 363-8010
- Newark Wire Cloth Co.**, 351 Verona Ave., Newark, NJ 07104. (800) 221-0166
- New Brunswick Scientific Co., Inc.**, 44 Talmadge Rd., P.O. Box 4005, Edison, NJ 08818-4005. (201) 287-1200
- New England Nuclear**, 549 Albany St., Boston, Mass. 02118. (617) 482-9595
- Newport of North America, Inc.**, P.O. Box 442, Villanova, PA 19085. (215) 896-8656
- Newport Corp.**, 18235 Mt. Baldy Circle, P.O. Box 8020, Fountain Valley, CA 92728-8020. (714) 963-9811 and Rochester, NY (716) 586-5638
- New York Laboratory Supply Co., Inc.**, 510 Hempstead Tak, P.O. Box 516, W. Hempstead, NY 11552. (516) 538-7790
- Ney Products, Inc.**, 269 Freeman St., Brooklyn, N. Y. 11222. (718) 389-4900
- Neytech Div., The J.M. Ney Co.**, Ney Industrial Pk., Bloomfield, CT 06002. (203) 242-2281/ (800) 243-1942
- Niagara Blower Co.**, 673 Ontario St., Buffalo, NY 14207-0067. (201) 898-1900
- Nicolet Industries**, Wissahickon Ave., Ambler, PA 19002. (215) 646-4000
- Nicolet Instrument Corp.**, 5225 Verona Rd., Madison, WI 53711. (608) 271-3333
- Nikon, Inc.**, Instrument Group, 623 Stewart Ave., Garden City, NY 11530. (516) 222-0200
- Nissei Sangyo America, Ltd.**, Hitachi Scientific Instrument Div., 460 E. Middlefield Rd., Mt. View, CA 94043. (415) 969-1100
- Noah Chemical Div.**, Noah Technologies Corp., 7001 Fairgrounds Pkwy., San Antonio, TX 78238. (512) 680-9000
- Norcross Corp.**, 255 Newtonville Ave., Newton, MA 02158. (617) 969-7020
- Norell, Inc.**, 314 Arbor Ave., P.O. Box 307, Landisville, NJ 08326. (609) 697-0020/(800) 222-0036
- Norland Corp.**, Norland Dr., Fort Atkinson, WI 53538. (414) 563-8456
- North East Cryogenics, Inc.**, 26 Farwell St., Newtonville, MA 02160. (617) 969-8010
- North (Siebe) North, Inc.**, 2000 Plainfield Pike, Cranston, RI 02920. (401) 943-4400
- Northern Analytical Lab., Inc.**, 3 Northern Blvd., Amherst, NH 03031. (603) 673-1420
- Northern Technical & Chemical Services**, 331 E. Prescott Rd., Liverpool, England L14 2DD. (051) 228-4690
- Norton Co. (Mass.)**, 1 New Bond St., Worcester, MA 01606. (617) 853-1000
- Norton Performance Plastics**, 150 Dey Rd., Wayne, NJ 07470. (201) 696-4700
- Nova Analytical**, 200 Prospect St., Waltham, MA 02164. (617) 894-0800
- Nova Biomedical**, 200 Prospect St., Waltham, MA 02254-9141. (617) 894-0800
- NRC, Inc.**, 45 Industrial Pl., Newton, MA 02164. (617) 969-7690
- Nuclear Associates**, 100 Voice Rd., Carle Place, NY 11514-1593. (516) 741-2166
- Nuclear Data, Inc.**, Golf and Meacham Rds., Schaumburg, IL 60196. (312) 884-3621
- Nuclear Equipment Chemical Corp.**, 280 Smith St., Farmingdale, NY 11735. (516) 420-8000
- Nuclear Measurements, Inc.**, 2460 N. Arlington Ave., Indianapolis, IN 46218. (317) 546-2415
- Nuclear Research Corp.**, N.R.C. Industries Div., 125 Titus Ave., P.O. Box H, Warrington, PA 18976. (215) 343-5900
- Nuclear Sources & Services, Inc.**, Box 34042, Houston, TX 77234. (713) 641-0391
- Nuclepore Corp.**, 7035 Commerce Circle, Pleasanton, Calif. 94566. (415) 462-2230
- The Nucleus, Inc.**, 761 Emory Valley Rd., Oak Ridge, Tenn. 37830. (615) 483-0008
- Nuclide Corp.**, 642 E. College Ave., State College, PA 16801. (814) 238-0541
- Nuclide Corp., AGV Div.**, P.O. Box 315, Acton, MA 01720. (617) 263-2936
- Nupro Co.**, 4800 E. 345th St., Willoughby, OH 44094. (216) 951-7100
- NUS Corp.**, Park West Two, Cliff Mine Rd., Pittsburgh, Pa. 15275. (412) 788-1080
- NWL Transformers**, Rising Sun Rd., P.O. Box 358, Bordentown, NJ 08505. (609) 298-7300
- Ohaus Scale Corp.**, 29 Hanover Rd., Florham Park, NJ 07932. (201) 377-9000
- The Ohmart Corp.**, 4241 Allendord Dr., Cincinnati, OH 45209. (513) 272-0131
- O. I. Corporation**, Graham Rd. at Wellborn Rd., P.O. Box 2980, College Station, TX 77841. (409) 690-1711
- OK Labs, Inc.**, 141 Lanza Ave., Garfield, NJ 07026. (201) 478-1189
- Olympus Corp.**, 4 Nevada Dr., Lake Success, NY 11042-1179. (516) 468-3880
- Omega Engineering, Inc.**, 1 Omega Dr., Box 4047, Stamford, CT 06907. (203) 322-1666
- Omnitherm Corp.**, 48 E. University Dr., Arlington Heights, IL 60004. (312) 870-7006
- Oneida Research Services, Inc.**, One Halsey Rd., Whitesboro, NY 13492. (315) 736-3050
- On-Line Instrument Systems, Inc.**, Route 2, Box 111, Jefferson, GA 30549. (404) 367-9191
- Optics For Research, Inc.**, Box 82, Caldwell, NJ 07006. (201) 228-4480
- Optovac**, An EM Industries Co., East Brookfield Rd., North Brookfield, MA 01535. (617) 867-6444

- Orbeco Analytical Systems, Inc.**, 185 Marine St., Farmingdale, NY 11735. (516) 293-4110
- Orbisphere Laboratories**, 114 Rte de Thonon, CH-122 Vesenaz, Geneva, Switzerland (4122) 52 41 44
- Orbisphere Laboratories**, 70 Kinderkamack Rd., Emerson, NJ 07630. (201) 265-4900
- Organomation Associates, Inc.**, P.O. Box 159, South Berlin, MA 01549-0159. (617) 393-2602
- Oriel Corp.**, 250 Long Beach Blvd., Stratford, Conn. 06497. (203) 377-8282
- Orion Research Inc.**, 840 Memorial Dr., Cambridge, MA 02139. (617) 864-5400
- The Edward Orton Jr. Ceramic Foundation**, 6991 Old 3C Hwy., P.O. Box 460, Westerville, OH 43081. (614) 895-2663
- Osmo Membrane Systems Div.**, Osmotics, Inc., 5951 Clearwater Dr., Minnetonka, MN 55343. (612) 933-2277
- Outokumpu Electronics**, Riihitontuntie 7-9, P.O. Box 27, Espoo 20, Finland 02201. 90-4211
- Owens-Illinois Analytical Services**, One SeaGate - 2 NTC, Toledo, OH 43666. (419) 247-8513
- Ozark-Mahoning Co.**, Sub. Pennwalt Corp., 1870 S. Boulder St., Tulsa, OK 74119. (918) 585-2661
- Pacific Chemical Labs., Inc.**, P.O. Box 803, Albany, OR 97321. (503) 928-2628
- Pacific Instruments, Inc.**, 215 Mason Circle, Concord, CA 94520. (415) 827-9010
- Pacific Scientific**, Instrument Div., 2431 Linden La., Silver Spring, MD 20910. (301) 495-7000
- Packard Instrument Co., Inc.**, 2200 Warrenville Rd., Downers Grove, IL 60515. (312) 969-6000
- Page-Wilson Corp.**, Measurement Systems Div., 929 Connecticut Ave., Bridgeport, CT 06602. (203) 335-2511
- Pallflex Products Corp.**, P.O. Box 551, Kennedy Dr., Putnam, CT 06260. (203) 928-7761
- Panametrics, Inc.**, 221 Crescent St., Waltham, MA 02154. (617) 899-2719
- Paragon Electric Co., Inc.**, 606 Parkway Blvd., Two Rivers, WI 54241. (414) 793-1161
- Parker-Hannifin Corp., Brass Products Div.**, 300 Parker Dr., P.O. Box 215, Otsego, MI 49078. (616) 694-9411
- Parker-Hannifin Corp., Hose Products Div.**, 30240 Lakeland Blvd., Wickliffe, OH 44092. (216) 943-5700
- Parker-Hannifin Corp., Instrumentation Connectors Div.**, 9400 S. Memorial Pkwy., Huntsville, AL 35802. (205) 881-2040
- Parker-Hannifin Corp., Instrumentation Valve Div.**, Hwy 21 N., P.O. Box 69, Jacksonville, AL 36265. (205) 435-2130
- Parker-Hannifin Corp., Nichols Zenith Div.**, 48 Woerd Ave., Waltham, MA 02154. (617) 894-0650
- Parker-Hannifin Corp., Parflex Div.**, 1300 N. Freedom St., Ravenna, OH 44266. (216) 296-2871
- Parker-Hannifin Corp., Seal Group**, 2360 Palumbo Dr., P.O. Box 11751, Lexington, KY 40512. (606) 269-2351
- Parker-Hannifin Corp., Tube Fittings Div.**, 3885 Gateway Blvd., Columbus, OH 43228. (614) 279-7070
- Parr Instrument Co.**, 211 53rd St., Moline, IL 61265. (309) 762-7716
- The Particle Analysis Lab., Inc.**, 128 1/2 E. Washington St., Iowa City, IA 52240. (319) 354-4247
- Particle Data, Inc.**, 111 Hahn St., P.O. Box 265, Elmhurst, IL 60126. (312) 832-5653
- Particle Data, Inc.**, 115 Hahn St., Elmhurst, IL 60126. (312) 832-5653
- Pathfinder Labs., Inc.**, 11542 Fort Mims Dr., St. Louis, MO 63146. (314) 569-0681
- Patterson-Kelley Co., Div. of Harsco Corp.**, 100 Burson St., E. Stroudsburg, PA 18301. (717) 421-7500
- P.C., Inc.**, 11805 Kim Pl., Potomac, MD 20854. (301) 299-9386
- PCI Ozone Corp.**, 1 Fairfield Crescent, West Caldwell, NJ 07006. (201) 575-7052
- PCP, Inc.**, 2155 Indian Rd., W. Palm Beach, FL 33409. (305) 683-0507
- Pen Kem, Inc.**, 341 Adams St., Bedford Hills, NY 10507. (914) 241-4777
- Pennsylvania Scale Co.**, 21 Graybill Rd., Leola, PA 17540. (717) 656-2653
- Pennwalt Corp., Inorganic & Organic Chemicals Div.**, Pennwalt Bldg., Three Pkwy., Philadelphia, PA 19102. (215) 587-7000
- Pennwalt Corp., Sharples-Stokes Div.**, 955 Mearns Rd., Warminster, PA 18974. (215) 443-4000
- Percival Mfg. Co., Inc.**, 1805 E. 4th St., Box 249, Boone, IA 50036. (515) 432-6501
- Perkin-Elmer Corp.**, 761 Main Ave., Norwalk, CT 06859-0001. (203) 762-1000
- Perkin-Elmer, Ltd.**, Post Office Lane, Beaconsfield, Buckinghamshire HP91QA, England (049) 46-6161
- Perkin-Elmer Corp., Physical Electronics Div.**, 6509 Flying Cloud Dr., Eden Prairie, MN 55344. (612) 828-6100
- Perkin-Elmer Vacuum Products**, 6509 Flying Cloud Dr., Eden Prairie, MN 55344. (612) 828-6190
- The Permutit Co., Inc.**, Sub. of Zurn Industries, Inc., E49 Midland Ave., P.O. Box 355, Paramus, NJ 07652. (201) 967-6000
- Petrarch Systems**, 2731 Bartram Rd., Bristol, PA 19007. (215) 781-9255
- Pfaltz & Bauer, Inc.**, 172 E. Aurora St., Waterbury, CT 06708. (203) 574-0075
- Pfeiffer Glass**, 140 Bennington Dr., Rochester, NY 14616. (716) 865-1290
- Pharmacia, Inc.**, 800 Centennial Ave., Piscataway, NJ 08854. (201) 457-8000
- Phase Separations Ltd.**, Deeside Industrial Estate, Queensferry, Clwyd, England CH52LR. (024) 481-6444
- Phase Separations, Inc.**, 140 Water St., Norwalk, CT 06854. (203) 852-1797
- Phenomenex**, 6100 Palos Verdes Dr., S., Rancho Palos Verdes, CA 90274. (213) 541-0606
- PHI**, 14955 E. Salt Lake Ave., Industry, CA 91746. (818) 968-9686
- Philips Export B.V.**, Industrial & Electroacoustic Systems Div., Lelyweg 1, Almelo, Netherlands 7602EA (054) 903-9440
- Philips Electronic Instruments, Inc.**, 85 McKee Dr., Mahwah, NJ 07430. (201) 529-3800
- Phillips 66 Co.**, Box 968, Borger, TX 79008. (800) 858-4327
- Phillips Chemical Co.**, 14 C4 Phillips Bldg., Bartlesville, OK 74004. (918) 661-5412
- Phoenix Electrode Co.**, 6103 Glenmont, Houston, TX 77081. (800) 231-6069
- PhotoMetrics, Inc.**, 4 Arrow Dr., Woburn, MA 01801. (617) 938-0300
- Photovolt**, 1200 Madison Ave., Indianapolis, IN 46225. (317) 266-2942
- Phys-Chemical Research Corp.**, 36 W. 20th St., New York, NY 10011. (212) 924-2070
- Physicon Corp.**, 221 Mt. Auburn St., Cambridge, MA 02138. (617) 491-7997
- Physitac Corp.** See Listing for Spindler & Hoyer, Inc.
- Pickering Laboratories, Inc.**, 1951 Colony St., Suite S. Mt. View, CA 94043. (415) 968-9502
- Pierce Chemical Co.**, P. O. Box 117, Rockford, Ill. 61105. (800) 874-3723
- Plasticware Laboratory Products, Inc.**, P.O. Box 61007 (27661), 2101 Harrod St., Raleigh, NC 27604. (919) 790-0791/(800) 334-5113
- Platina Laboratories, Inc.**, 4301 S. Clinton Ave., S. Plainfield, NJ 07080. (201) 753-8700
- PMC Industries, Inc.**, 6335 Ferris Square, San Diego, CA 92121. (619) 546-1997/(800) 242-9353
- PMC Specialties Group, Inc.**, 501 Murray Rd., Cincinnati, OH 45217. (513) 242-3300
- Polaron Instruments, Inc.**, 2293 Amber Dr., Hatfield, Pa. 19440. (215) 822-2665
- Polybac Corp.**, 954 Marcon Blvd., Allentown, PA 18103. (215) 264-8740
- Polyfoam Packers Corp.**, 2320 S. Foster Ave., Wheeling, IL 60090. (312) 398-0110
- Polyhedron Laboratories, P.O. Box** 11669, Houston, TX 77293. (713) 449-7410
- Polymer Laboratories, Inc.**, Technical Center, Amherst Fields Research Park, 160 Old Farm Rd., Amherst, MA 01002. (413) 253-9554
- PolyScience Corp.**, 7800 Merrimac Ave., Niles, IL 60648. (312) 965-0611
- Polysciences, Inc.**, 400 Valley Rd., Warrington, PA 18976. (215) 343-6484
- Pomfret Research Optics Inc.**, P.O. Box 1265, Orange, VA 22960. (703) 854-4350
- Pope Scientific, Inc.**, P. O. Box 495, Menomonee Falls, Wis. 53051. (414) 251-9300
- Popper & Sons, Inc.**, 300 Denton Ave., New Hyde Park, NY 11040. (516) 248-0300
- Porous Materials, Inc.**, Cornell Industry Research Park, Ithaca, NY 14850. (607) 257-5544
- Porter Instrument Co., Inc.**, Township Line Rd., P.O. Box 326, Hatfield, PA 19440. (215) 723-4000
- PRA International, Inc.**, 45 Meg Dr., London, Ontario, Canada N6E 2V2 (800) 265-1226/(519) 686-2950
- PRA International, Inc.**, 100 Tulsa Rd., Oak Ridge, TN 37830. (615) 483-3433
- Precision Cells, Inc. (NSG)**, 195G Central Ave., Farmingdale, NY 11735. (516) 249-7474
- Precision Digital Corp.**, 80 Coolidge Hill Rd., Watertown, MA 02172. (617) 924-2256
- Precision Scientific, Inc.**, 3737 W. Cortland St., Chicago, IL 60647. (312) 227-2660
- Precision Systems, Inc.**, 16 Tech Circle, Natick, MA 01760. (617) 655-7010
- Preiser Scientific, Inc.**, 1500 Algonquin Pkwy., Louisville, KY 40210. (502) 636-3307
- Preiser Scientific, Inc. (WV)**, 94 Oliver St., St. Albans, WV 25177. (304) 727-2902
- Pressure Chemical Co.**, 3419-25 Smallman St., Pittsburgh, PA 15201. (412) 682-5882
- Princeton Gamma Tech**, 1200 State Rd., Princeton, NJ 08540. (609) 924-7310
- Princeton Testing Laboratory, Inc.**, U. S. Rt. 1, Princeton Service Center, Box 3108, Princeton, N. J. 08543. (609) 452-9050
- Princo Instruments, Inc.**, 1020 Industrial Hwy., Southampton, Pa. 18966. (215) 355-1500
- Procedyne Corp.**, 221 Somerset St., Box 1286, New Brunswick, N. J. 08903. (201) 249-8347
- Process Analyzers, Inc.**, 8 Headley Pl., Fallsington, PA 19054. (215) 736-2596
- Process & Instruments Corp.**, 1943 Broadway, Brooklyn, NY 11207. (718) 452-8380
- Professional Tape Co.**, 144 Tower Dr., Burr Ridge, IL 60521. (312) 986-1800
- Prolabo**, 12 rue Pelee, BP 369, Paris Cedex 11, France 75526. (1) 43.55.44.88
- Provesta Corp.**, 15 Phillips Blvd., Bartlesville, OK 74004. (918) 661-5281
- Pulsafeeder/Cleopak Corp.**, 77 Ridgeland Rd., Rochester, N. Y. 14623. (716) 424-5600
- Pulverizing Machinery**, Div. of Mikropul, 10 Chatham Rd., Summit, N. J. 07901. (201) 273-6360
- Pye Unicam Ltd.**, York St., Cambridge, Great Britain CB1 2PX (022) 335-8866
- Pyromatics, Inc.**, 3985 Ben Hur Ave., Willoughby, OH 44094. (216) 951-3985
- The Pyrometer Instrument Co., Inc.**, 234 Industrial Pkwy., Northvale, NJ 07647. (201) 768-2000
- QuadRex Corp.**, P.O. Box 3881, Amity Station, New Haven, CT 06525. (203) 389-6620
- Quantachrome Corp.**, 5 Aerial Way, Syosset, NY 11791. (516) 935-2240
- Quantum Instruments, Inc.**, 1075 Stewart Ave., Garden City, NY 11530. (516) 222-0611
- Quaracell Products, Inc.**, P.O. Box 147, Baldwin, NY 11510. (516) 249-7533
- Quartz Products Corp.**, 688 Somerset St., P.O. Box 1347, Plainfield, NJ 07061. (201) 757-4545
- Quartz Scientific, Inc.**, 819 East St., Fairport Harbor, OH 44077. (216) 354-2186
- Queue Systems, P.O. Box** 1901, Parkersburg, WV 26102. (304) 464-5400
- Quintel Corp.**, 2078 E. University Dr., Tempe, AZ 85281-4098. (602) 894-1981
- Racal-Dana Instruments, Inc.**, 4 Goodyear St., P.O. Box C-19541, Irvine, CA 92713. (714) 859-8999
- Racal-Dana Instruments Ltd.**, Duke St., Windsor, Berkshire, SL4 1SB, England
- Racal-Dana Instruments S. A.**, 91 Rt. des GLADES, 92 Meudon-Bellevue, France
- Jules Racine & Co., Inc.**, Route 22, P.O. Box 246, Croton Falls, NY 10519. (914) 277-8450
- Radian Corp.**, 8501 MO-PAC Blvd., P.O. Box 9948, Austin, TX 78766. (512) 454-4797
- Radiomatic Instruments & Chemical Co., Inc.**, 5102 S. Westshore Blvd., Tampa, FL 33611. (813) 837-1090
- Radiometer America, Inc.**, 811 Sharon Dr., Westlake, OH 44145. (216) 871-8900
- Rainin Instrument Co., Inc.**, Mack Rd., Woburn, MA 01801. (617) 935-3050
- Rank Precision Industries, Inc.**, 411 E. Jarvis Ave., Des Plaines, Ill. 60018. (312) 297-7720
- Ransco Industries, Inc.**, 1400 E. Statham Pkwy., Oxnard, CA 93033. (805) 487-7777
- Rapid Power Technologies**, Graysbridge Rd., P.O. Box 291, Brookfield, CT 06804. (203) 775-0411
- Razel Scientific Instruments, Inc.**, 980 Hope St., Stamford, CT 06907. (203) 324-9914
- RdF Corp.**, 23 Elm Ave., Hudson, NH 03051. (603) 882-5195
- RDK, Inc.**, P.O. Box 14864, Austin, TX 78761. (512) 835-0330
- Reactor Experiments, Inc.**, 963 Terminal Way, San Carlos, CA 94070. (415) 592-3355
- Reade Metals & Minerals Corp.**, 45 W. River Rd., Suite 206, Rumson, NJ 07760. (201) 842-2294
- Recon Systems, Inc.**, Route 202N, P.O. Box 460, Three Bridges, NJ 08887. (201) 782-5900
- Recra Environmental, Inc.**, 10 Hazelwood Dr., Amherst, NY 14150. (716) 691-2600

- Redi Industries Corp.**, Thermovac Div., 301 Peninsula Blvd., Hempstead, NY 11550. (516) 485-6161
- Refrigeration For Science, Inc.**, Thermovac Div., 51 Alabama Ave., Island Park, NY 11558. (516) 764-6212
- Regis Chemical**, 8210 N. Austin, Morton Grove, IL 60053. (312) 967-6000
- Reichert-Jung, Cambridge Instruments, Inc.**, Eggert and Sugar Rds., Buffalo, NY 14215. (716) 891-3000
- Reliance Electric Co.**, P.O. Box 99502, Cleveland, OH 44199. (800) 245-4501
- Reliance Glass Works, Inc.**, 17 Gateway Rd., Bensenville, IL 60106. (312) 766-1816
- Research, Inc.**, Box 24064, Minneapolis, MN 55424. (612) 941-3300
- Research Devices, Div. of The American Optical Corp.**, 335 Snyder Ave., Berkeley Heights, NJ 07922. (201) 464-0668
- Research Products International Corp.**, 410 N. Business Center Dr., Mt. Prospect, IL 60056. (312) 635-7330
- Research Ventures, Inc.**, 111 Ware Rd., Williamsburg, VA 23185. (804) 220-3430
- REVC Scientific Co.**, 275 Aiken Rd., Asheville, NC 28804. (704) 658-2711/(800) 252-7100
- Rexham Analytical Services**, Rexham Corp., P.O. Box 1377, Matthews, NC 28106-1377 (704) 847-9171
- Rexnord Instrument Products**, 4301 Poche Court West, New Orleans, LA 70129. (504) 254-3500
- Rheodyne, Inc.**, P.O. Box 996, Cotati, CA 94928. (707) 664-9050
- Rheometrics, Inc.**, 1 Possumtown Rd., Piscataway, N. J. 08854. (201) 560-8550
- Rigaku/USA, Inc.**, 3 Electronics Ave., Danvers, MA 01923. (617) 777-2446
- RMC-Cryosystems, Inc.**, 1802 W. Grant Rd., Suite 122, Tucson, AZ 85745. (602) 882-4228
- Rocky Mountain Instrument Labs, Inc.**, 456 S. Link La., Ft. Collins, CO 80524. (303) 221-3116
- Rosemount Analytical/Uniloc Div.**, 2400 Barranca Rd., Irvine, Calif. 92714. (714) 863-1181
- Charles Ross & Son Co.**, 710-18 Old Willets Path, P.O. Box 12308, Hauppauge, NY 11788-0615. (516) 234-0500
- Rudolph Instruments, Inc.**, 40 Pier La., Fairfield, NJ 07006. (201) 227-0139
- Rudolph Research**, 1 Rudolph Rd., P.O. Box 1000, Flanders, NJ 07836. (201) 691-1300
- Ruska Instrument Corp.**, 3601 Dunvale, Houston, TX 77236. (713) 975-0547
- Rustrak Instruments**, Rt. 2 & Middle Rd., E. Greenwich, RI 02818. (800) 332-3202
- Rutherford Research**, Drawer 249, Rutherford, NJ 07070. (201) 933-2091
- Sadtler Research Laboratories**, 3316 Spring Garden St., Philadelphia, PA 19104. (215) 382-7800
- Safety Specialists, Inc.**, 3060 Raymond St., Santa Clara, CA 95054. (408) 988-1111
- St. Charles Manufacturing Co.**, 1611 E. Main St., St. Charles, IL 60174. (312) 584-3800
- Sanda, Inc.**, 4005 Gypsy La., Philadelphia, PA 19144. (215) 849-8100
- Sargent-Welch Scientific Co.**, 7300 N. Linder Ave., P.O. Box 1026, Skokie, IL 60077. (312) 677-0600
- Sarstedt, Inc.**, 1035 Rt. 1 South, Box 4090, Princeton, NJ 08543. (800) 257-5101
- Sartorius Balance Div./Brinkmann Instruments Co.**, Cantiague Rd., Westbury, NY 11590. (516) 334-7500
- Sartorius Filters, Inc.**, 30940 San Clemente St., Hayward, CA 94544. (415) 487-8220
- SAS Pharmaceuticals, Ltd.**, 45 Wycombe End, Beaconsfield, Bucks, England HP9 1LZ. (049) 467-8181
- Savant Instruments, Inc.**, 110-103 Bi-Country Blvd., Farmingdale, NY 11735. (516) 249-4600
- Scanning Electron Analysis Labs, Inc.**, 5301 Beethoven St., Los Angeles, CA 90066. (213) 306-4200
- Schaeffler Engineering**, Rt. 130 & Union Ave., Pennsauken, NJ 08110. (609) 662-8000
- Schleicher & Schuell, Inc.**, 10 Optical Ave., Keene, NH 03431. (603) 352-3810
- Schluter Instruments Corp.**, 4699 Nautilus Ct., No. 207, Boulder, CO 80301. (303) 530-2217
- Schneider Instrument Co.**, 8115 Camargo Rd., Madeira, Cincinnati, OH 45243. (513) 561-6803
- Schott America**, 3 Odell Plaza, Yonkers, NY 10701. (914) 968-8900
- Schwarzkopf Microanalytical Laboratory, Inc.**, 56-19 37th Ave., Woodside, NY 11377. (718) 429-6248
- Schwarz/Mann, Div. of ICN Biomedicals**, 4911 Commerce Pkwy., Cleveland, OH 44128. (800) 431-2800
- Science/Electronics, Inc.**, P.O. Box 986, Dayton, OH 45401-0986 (513) 228-6011
- Science Pump Corp.**, 1431 Ferry Ave., Camden, N. J. 08104
- Sciencetech, Inc.**, 5649 Arapahoe Ave., Boulder, CO 80303. (303) 444-1361
- Scientific Development Co.**, P.O. Box 795, State College, PA 16804. (814) 466-6261
- Scientific Glass & Instruments, Inc.**, P.O. Box 6, Houston, TX 77001. (713) 868-1481
- Scientific Glass Engineering, Inc.**, 2007 Kramer La., Austin, TX 78758. (512) 837-7190
- Scientific Leasing Inc.**, 790 Farmington Ave., Farmington, CT 06032. (203) 677-8700
- Scientific Software Products, Inc.**, 5720 W. 71st St., Indianapolis, IN 46278. (317) 293-9270
- Scientific Specialties Service, Inc.**, P.O. Box 352, Randallstown, MD 21133. (301) 962-0512
- Scientific Systems Corp.**, 9020 S. Choctaw Dr., Baton Rouge, La. 70815. (504) 926-6950
- Scientific Systems, Inc.**, 1120 West College Ave., State College, Pa. 16801. (814) 234-7311
- Scientific Technologies**, 7706 Six Forks Rd., Raleigh, NC 27615. (919) 846-1505
- SCIEX, Div. of MDS Health Group, Ltd.**, 55 Glen Cameron Rd., Thornhill, Ontario, Canada L3T 1P2 (416) 881-4646
- Scott Aviation, Div. of Figgie International, Inc.**, 225 Erie St., Lancaster, NY 14086. (716) 683-5100
- Scott Specialty Gases**, 6141 Easton Rd., Plumsteadville, PA 18949. (215) 766-8861
- Seastar Chemicals**, 316 Second Ave., S., Seattle, WA 98104. (206) 623-2855
- The Second Source**, P.O. Box 337, Duarte, CA 91010. (818) 357-7183
- Seederer-Kohlbusch, Inc.**, 129-07 18th Ave., College Point, NY 11356. (718) 939-7171
- Seiler Instrument & Manufacturing Co., Inc.**, 170 E. Kirkham, St. Louis, MO 63119. (314) 968-2282
- Sensall/National Sonics, Div. of Rosemount**, 250 Marcus Blvd., Hauppauge, NY 11787. (516) 273-6600
- Sensidyne, Inc.**, 12345 Starkey Rd., Suite E, Largo, FL 33543. (813) 530-3602
- Sensor Scientific, Inc.**, 1275 Bloomfield Ave., Fairfield, NJ 07006. (800) 524-1610
- Sensorex**, 11661 Seaboard Circle, Stanton, CA 90680. (714) 895-4344
- Sensortek, Inc.**, (formerly Bailey Instruments), 154 Huron Ave., Clifton, NJ 07013. (201) 779-5577
- The Separations Group**, P.O. Box 867, 17434 Mojave St., Hesperia, CA 92345. (619) 244-6107
- Separations Technology**, P.O. Box 63, 2 Columbia St., Wakefield, RI 02879. (401) 789-5660
- Sepor, Inc.**, P.O. Box 578, Wilmington, CA 90748. (213) 830-6601
- Sequoia-Turner Corp.**, 755 Ravendale Dr., Mt. View, CA 94043. (415) 969-5533
- Seragen Diagnostics, Inc.**, P.O. Box 1210, Indianapolis, IN 46206. (317) 266-2915
- SERES Laboratories, Inc.**, 3331 Industrial Dr., Santa Rosa, CA 95401. (707) 526-4526
- Serfilco, Ltd.**, 1234 Depot St., Glenview, IL 60025. (312) 998-9300
- SETARAM**, BP 34, 7 Rue De L'Oratoire, Caluire, France 69641. 3378293838
- Sethco Div.**, Met-Pro Corp., 70 Arkay Dr., Hauppauge, NY 11788. (516) 435-0530
- Setra Systems, Inc.**, Weighing Systems Div., 45 Nagog Park, Acton, MA 01720. (617) 263-1400
- SGA Scientific Inc.**, 735 Broad St., Bloomfield, NJ 07003. (201) 748-6600
- Shape Technology, Ltd.**, 901 Park Pl., Iowa City, IA 52240. (319) 351-3736
- Charles M. Shapiro & Sons, P.C.**, 6315 Mill La., Brooklyn, NY 11234. (718) 531-8400
- Shaw Moisture Meters**, Rawson Rd., Westgate, Bradford, England (027) 473-3582
- Showa Denko America, Inc.**, 280 Park Ave., West Bldg., New York, NY 10017. (212) 687-0773
- Shimadzu Corp.**, International Marketing Div., Shinjuku-Mitsui Bldg. 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 16, Japan (03) 346-5641
- Shimadzu Scientific Instruments, Inc.**, 7102 Riverwood Dr., Columbia, MD 21046. (301) 381-1227
- Shrader Analytical Labs., Inc.**, 3814 Vinewood, Detroit, MI 48208. (313) 894-4440
- Herbert V. Shuster, Inc.**, 5 Hayward St., Quincy, MA 02171. (617) 328-7600
- Siemens Energy & Automation, Inc.**, 1 Computer Dr., Cherry Hill, NJ 08034. (609) 424-9210
- Sierra Instruments, Inc.**, P.O. Box 909, Carmel Valley, CA 93924. (408) 659-3177
- Sierra/Misco, Inc.**, 1900 Pt. West Way, Suite 161, Sacramento, CA 95815. (916) 929-8861
- Sievers Research, Inc.**, 2905 Center Green Ct., Suite B, Boulder, CO 80301. (303) 444-2009
- Sigma Chemical Co.**, P.O. Box 14508, St. Louis, MO 63178. (314) 771-5750
- Silar Labs, Inc.**, 10 Maple Ave., Scotia, NY 12302. (518) 372-5691
- Simco Co., Inc.**, 2257 North Penn Rd., Hatfield, PA 19440. (215) 822-2171
- Singleton Corp.**, 3280 W. 67th Pl., Cleveland, OH 44102. (216) 651-7800
- Sira Ltd.**, South Hill, Chislehurst, Kent, BR7 5EH, England (01) 467-2636
- Skon-A-Matic Corp.**, P.O. Box S, Rt. 5 West, Elbridge, NY 13060. (315) 689-3961
- SLM Instruments, Inc.**, 810 W. Anthony Dr., Urbana, IL 61801. (217) 384-7730
- Sloan Technology Corp.**, 602 E. Montecito St., Santa Barbara, CA 93103. (805) 963-4431
- SMI Liquid Handling Products**, American Dade, P.O. Box 520672, Miami, FL 33152. (305) 592-2311
- Sno-Trik Co.**, 9760 Shepard Rd., Macedonia, OH 44056. (216) 467-6351
- Solder Absorbing Technology, Inc.**, 144 Oakland St., Springfield, MA 01108. (413) 788-6191
- So-Low Environmental Equipment Co.**, 10310 Spartan Dr., Cincinnati, OH 45215. (513) 772-9410
- Soltex Corp.**, Sol Vista Park, San Fernando, CA 91340-1597. (818) 365-0800
- Solutions Plus, Inc.**, 23 Cassens Court, Fenton, MD 63026. (314) 349-4922
- Somar International, Inc.**, 115 Main St., P.O. Box 395, Tuckahoe, NY 10707. (914) 961-1400
- Sonicor Instrument Corp.**, 100 Wartburg Ave., Copiague, NY 11726. (516) 842-3344
- Southern New England Ultraviolet Co.**, 55 Connolly Pkwy., Hamden, CT 06514. (203) 248-2352
- Southern Petroleum Laboratories, Inc.**, 110 S. Petro La., P.O. Box 20807, Houston, TX 77225. (713) 668-4448
- Southern Precision Instrument Co.**, Box 2078, 3419 E. Commerce St., San Antonio, TX 78297. (512) 224-5801
- Specialty Organics, Inc.**, 5263 N. 4th St., Irwindale, CA 91706. (818) 962-2008
- Spectral Data Services, Inc.**, 818 Pioneer, Champaign, IL 61820. (217) 352-7084
- Spectra-Physics, Laser Products Div.**, 1250 W. Middlefield Rd., Mountain View, CA 94042. (415) 961-2550
- Spectra-Physics, Autolab Div.**, 3333 N. First St., San Jose, CA 95134-1995. (408) 946-6080
- Spectra-Tech, Inc.**, 652 Glenbrook Rd., Stanford, CT 06906. (800) 243-9186
- Spectrex Corp.**, 3594 Haven Ave., Redwood City, CA 94063. (415) 365-6567
- Spectrix, Div. of Keystone Environmental Resources, Inc.**, 3911 Fondren, Suite 100, Houston, TX 77063. (713) 266-6800
- Spectrogram Corp.**, 385 State St., North Haven, CT 06473. (203) 281-0121
- Spectronics Corp.**, 956 Brush Hollow Rd., Westbury, NY 11590. (516) 333-4840
- Spectro Products, Inc.**, 385 State St., North Haven, Conn. 06473. (203) 281-0121
- SpectroVision, Inc.**, 14 Alpha Rd., Chelmsford, MA 01824. (617) 250-1911
- Spectrum Medical Industries, Inc.**, 60916 Terminal Annex, Los Angeles, Calif. 90060. (213) 650-2100/(800) 634-3300
- Spectrum Scientific**, 8430 Santa Monica Blvd., Los Angeles, CA 90069. (800) 634-3300
- Spellman High-Voltage Electronics Corp.**, 7 Fairchild Ave., Plainview, NY 11803. (516) 349-8686
- Spex Industries, Inc.**, 3880 Park Ave., Edison, NJ 08820. (201) 549-7144
- Spindler & Hoyer, Inc.**, 201 Main St., Norfolk, MA 02056. (617) 528-4100
- Sprague Electric Co.**, P.O. Box 9102, Mansfield, MA 02048. (617) 339-8900
- Springborn Labs, Inc.**, 10 Springborn Center, Enfield, CT 06082. (203) 749-8371

- SSAC, Inc.**, P.O. Box 1000, Baldwinsville, NY 13027. (315) 638-1300
- The Stackpole Corp.**, 201 Stackpole St., St. Marys, PA 15857. (814) 781-1234
- Standard Electric Time Corp.**, P. O. Box 320, Tecumseh, Mich. 49286. (517) 423-8331
- Stanton Redcroft**, Copper Mill La., London, SW17 0BN, England. (01) 946-7731
- The Staplex Co.**, Air Sampler Div., 777 Fifth Ave., Brooklyn, NY 11232-1695. (718) 768-3333
- Star Systems Filtration Div./Hilliard of SC, Inc.**, 101 Kershaw St., P.O. Box 518, Timmonsville, SC 29161. (803) 346-3101
- Statistical Designs**, 9941 Rowlett, Suite 6, Houston, TX 77075. (713) 947-1551
- Statistical Programs**, 9941 Rowlett, Suite 6, Houston, TX 77075. (713) 947-1551
- C. W. Stevens, Inc.**, P.O. Box 619, Kennett Square, PA 19348. (215) 444-0616
- Herman H. Sticht Co., Inc.**, 27 Park Pl., New York, N. Y. 10007. (212) 732-8163
- Stoelting Co.**, 1350 S. Kostner Ave., Chicago, Ill. 60623. (312) 522-4500
- Stohler/KOR Stable Isotopes**, Div. of ICN Biomedicals Co., 56 Rogers St., P.O. Box 965, Cambridge, MA 02142. (800) 343-7743
- Stokes, Div. of Pennwalt Corp.**, 5500 Tabor Rd., Philadelphia, PA 19120. (215) 831-5400
- Stortz Div.**, PSG Industries, Inc., 1225 Tunnel Rd., Perkasi, PA 18944. (800) 523-2558
- Strem Chemicals, Inc.**, 7 Mulliken Way, Dexter Industrial Park, Newburyport, MA 01950. (617) 462-3191
- Structure Probe, Inc.**, P.O. Box 656, West Chester, PA 19381-0656. (215) 436-5400
- Sun Brokers, Inc.**, P.O. Box 2230, Wilmington, NC 28402. (919) 763-3694
- Sunshine Technology Corp.**, 2475 Albany Ave., West Hartford, CT 06117. (203) 232-9227
- Supelco, Inc.**, Supelco Park, Bellefonte, PA 16823. (814) 359-3441
- Supercon, Inc.**, 830 Boston Tpk., Shrewsbury, MA 01545. (617) 842-0174
- The Superior Electric Co.**, 383 Middle St., Bristol, CT 06010. (203) 582-9561
- Suprex Corp.**, SFC Research Center, 125 William Pitt Way, Pittsburgh, PA 15238. (412) 826-5200
- Surface Science Instruments**, 465 National Ave., Mountain View, CA 94043. (415) 962-8780
- Surface Science Laboratories**, 1206 Charleston Rd., Mountain View, CA 94043. (415) 962-8767
- SynChrom, Inc.**, P.O. Box 310, 802 Columbia St., Lafayette, IN 47902. (317) 423-4694
- System, Inc.**, 3816 Chandler Dr., Minneapolis, MN 55421. (612) 788-9701
- Talboys Engineering Corp.**, P.O. Box 316, Emerson, NJ 07630. (201) 262-5445
- T & S Brass & Bronze Works, Inc.**, Rt. 4, Old Buncombe Rd., Travelers Rest, SC 29690. (803) 834-4102
- Tannas Co.**, P.O. Box 111, Midland, MI 48640. (517) 631-0231
- Taylor/Thermometer Corp. Am.**, 95 Glenn Bridge Rd., Arden, NC 28704. (704) 684-5178
- TCS**, 2793 Philmont Ave., Huntingd Valley, PA 19006. (215) 947-2275
- Tecator, Inc.**, P.O. Box 405, Herndon, VA 22070. (703) 435-3300
- Tech Glass Co., Inc.**, 592 N. W. Blvd., P. O. Box 506, Vineland, N. J. 08360. (609) 691-7839
- Techn Incorporated**, 3700 Brunswick Pike, Princeton, NJ 08540. (609) 452-9275
- Technic Central Systems, Inc.**, 118 N. 36th St., Seattle, WA 98103. (206) 633-3080
- Technical Heaters, Inc.**, 710 Jessie St., San Fernando, CA 91340. (818) 365-9435
- Technicon Industrial Systems**, 511 Benedict Ave., Tarrytown, N. Y. 10591. (914) 631-8000
- Technipower**, A Penril Co., P.O. Box 222, Commerce Park, Danbury, CT 06810. (203) 748-7001
- Technology Inc.**, Instruments & Controls Div., P.O. Box 3036, Overlook Branch, Dayton, OH 45431. (513) 426-2405
- Teco Manufacturing Co.**, 138 Baywood Ave. No. 4, Longwood, FL 32750. (305) 767-8394
- Tegal Scientific, Inc.**, 125 J. Mason Circle, Concord, CA 94524. (415) 827-1054
- TEI Analytical, Inc.**, 7177 N. Austin, Niles, IL 60648. (312) 647-1345
- Tekmar Co.**, P.O. Box 371856, Cincinnati, OH 45222-1856. (513) 761-0633
- Tektronix, Inc.**, P.O. Box 500, Y3-314, Beaverton, OR 97077. (503) 627-7111
- Teledyne Analytical Instruments**, 16830 Chestnut St., City of Industry, CA 91749. (818) 961-9221
- Teledyne Energy Systems**, 110 W. Timonium Rd., Timonium, MD 21093. (301) 252-8210
- Teledyne Hastings-Raydist**, P.O. Box 1275, Hampton, VA 23061. (804) 723-6531
- Teledyne Isotopes**, 50 Var Buren Ave., Westwood, N. J. 07675. (201) 664-7070
- Teledyne Philbrick**, Allied C. at Rt. 128, Dedham, Mass. 02026. (617) 329-1600
- Teledyne Readco**, 901 S. Richland Ave., York, PA 17403. (717) 848-2801
- Temp-Pro, Inc.**, 200 Industrial Dr., Northampton, MA 01060. (413) 584-3165
- Tennelec, Inc.**, 601 Oak Ridge Tpk., Oak Ridge, TN 37830. (615) 483-8405
- Tenney Engineering, Inc.**, 1091 Springfield Rd., Union, NJ 07083. (201) 686-7870
- Testing Machines, Inc.**, 400 Bayview Ave., Amityville, NY 11701. (516) 842-5400
- Texas Electronics, Inc.**, P. O. Box 7225 Inwood Sta., Dallas, Tex. 75209. (214) 631-2490
- Texas Nuclear**, P.O. Box 9267, Austin, TX 78766. (512) 836-0801
- TGM Detectors, Inc.**, 160 Bear Hill Rd., Waltham, MA 02154. (617) 890-2090
- Thermal American Fused Quartz Co.**, Rt. 202 and Change Bridge Rd., Montville, NJ 07045. (201) 334-7770
- Thermo Instrument Corp.**, P.O. Box 309, U.S. Hwy. 20, LaPorte, IN 46350. (219) 362-6258
- Thermedics, Inc.**, 470 Wildwood St., Woburn, MA 01888-1799. (617) 938-3786
- Thermionics Laboratory, Inc.**, 22815 Suto St., P. O. Box 3711, Hayward, Calif. 94540. (415) 538-3304
- Thermo Analytical, Inc.**, 2030 Wright Ave., Richmond, CA 94804. (415) 235-2633
- Thermo Analytical, Inc., ARLI**, 160 Taylor St., Monrovia, CA 91016. (818) 357-3247
- Thermo Electric Co., Inc.**, 109 5th St., Saddle Brook, NJ 07662. (201) 843-5800
- Thermoelectrics Unlimited, Inc.**, 1202 Harrison Ave., Holly Oak Terrace, Wilmington, DE 19809. (302) 798-5360
- Thermo Environmental Instruments, Inc.**, 108 South St., Hopkinton, MA 01748. (617) 435-5321
- Thermolyne Corp.**, 2555 Kerper Blvd., Dubuque, IA 52001. (319) 556-2241/1-800-553-0039
- Thermometer Corp. of America**, Div. of Figgie International, Inc., 907 Wheel St., Springfield, OH 45501. (513) 325-0456
- Thermometrics, Inc.**, 808 U.S. Hwy. No. 1, Edison, NJ 08817. (201) 287-2870
- Theta Industries, Inc.**, 26 Valley Rd., Port Washington, NY 11050. (516) 883-4088
- Thomas Scientific**, 99 High Hill Rd. at I-295, P.O. Box 99, Swedesboro, NJ 08085-0099. (609) 467-2000
- Thornton Laboratories, Inc.**, 1145 E. Cass St., Tampa, FL 33602. (813) 223-9702
- TM Analytic, Inc.**, 1842 Brummel Dr., Elk Grove Village, Ill. 60007. (312) 364-9100
- Toledo Scale**, Div. of Reliance Electric Co., 350 W. Wilson Bridge Rd., Worthington, OH 43085. (614) 438-4511
- Toledo Scale/Reliance Electric**, P.O. Box 99502, Cleveland, OH 44199. (800) 245-4501
- Tomco**, Div. of Commercial Screw Products, Inc., 30520 Lakeland Blvd., Willowick, OH 44094. (216) 944-9000
- Tonkaflo Pumps Div.**, Osmonics, Inc., 5951 Clearwater Dr., Minnetonka, MN 55343. (612) 933-2277
- Tousimis**, P.O. Box 2189, Rockville, MD 20852. (301) 881-2450
- Townley Research & Consulting, Inc.**, 1750 W. Front St., Plainfield, NJ 07063. (201) 757-1137
- Toyo Kagaku Sangyo Co. Ltd.**, No. 7, 3-Chome Hon-cho, Nihonbashi, Chuo-ku, Tokyo, Japan
- Trace Analytical**, Box 2523, Stanford, CA 94305. (415) 854-2285
- Tracor Atlas, Inc.**, 9441 Baythorne Dr., Houston, TX 77041-7709. (713) 462-6116
- Tracor Instruments**, 6500 Tracor La., Bldg. 27-7, Austin, TX 78725. (512) 929-2023
- Tracor Northern, Inc.**, 2551 W. Beltline Hwy., Middleton, WI 53562. (608) 831-6511
- Transidyne General Corp.**, 3711 Plaza Dr., No. 4, Ann Arbor, MI 48104. (313) 769-1900
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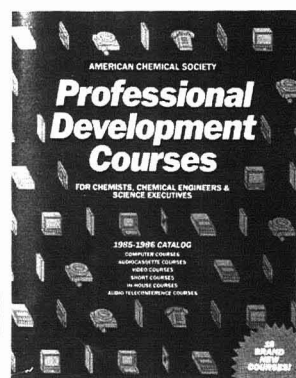
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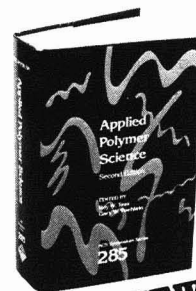
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☐ L. Instrument Dev./Design
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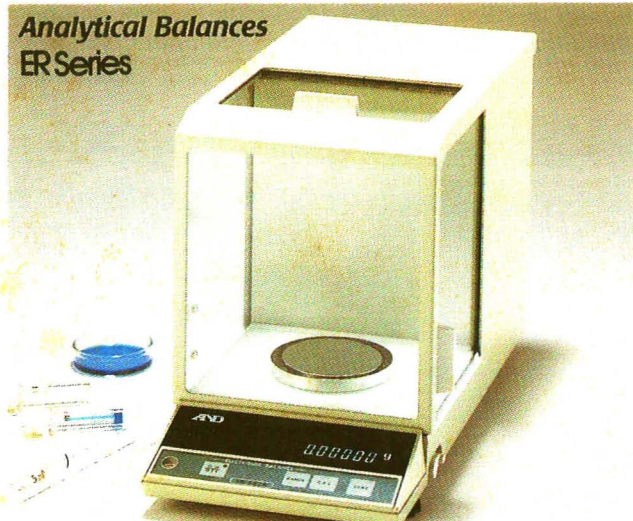
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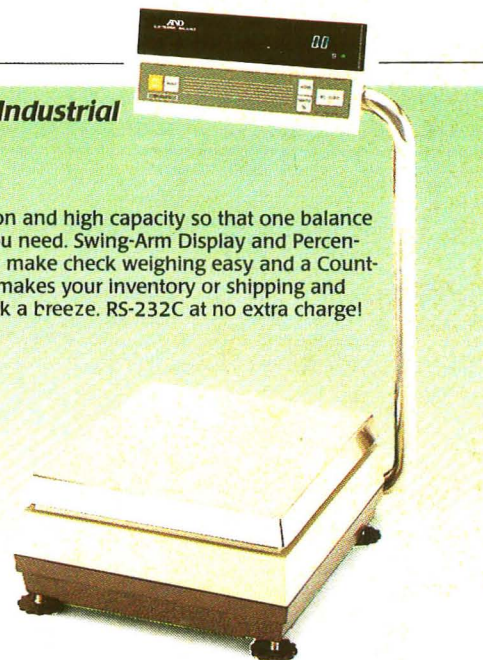
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