

CONTENTS

CHAPTER 1

Aerosol Impactors (A Review)

N. A. FUCHS

CHAPTER 2

Brownian Coagulation: Experimental Methods and Results

T. T. MERCER

85

CHAPTER 3

Evaporation of Airborne Droplets

C. N. DAVIES

135

CHAPTER 4

The Theory of Aerosol Filtration with Fibrous Filters

A. A. KIRSCH and I. B. STECHKINA

165

CHAPTER 5

Sampling and Analysis of Fibrous Aerosol Particles

K. R. SPURNY, J. W. GENTRY, and W. STÖBER

257

CHAPTER 6

Theory of Electrostatic Mechanism of Aerosol Filtration

J. PICH

325

INDEX

369