

1. Record Nr.	UNISA996212585403316
Autore	Kaye Brian H (Brian Howard), <1932->
Titolo	Characterization of powders and aerosols [[electronic resource] /] / Brian H. Kaye
Pubbl/distr/stampa	Weinheim ; ; New York, : Wiley-VCH, c1999
ISBN	1-281-76430-2 9786611764302 3-527-61402-8 3-527-61403-6
Descrizione fisica	1 online resource (326 p.)
Disciplina	620.43 660.294515
Soggetti	Aerosols - Analysis Particle size determination Powders - Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Characterization of Powders and Aerosols; Table of Contents; 1 Basic Concepts in Characterization Studies, Representative Samples and Calibration Standards; 1.1 Who Needs to Characterize Powders and Spray Systems?; 1.2 The Physical Significance of Size Measurements; 1.3 Standard Powders for Calibrating Powder Measurement Techniques; 1.4 Representative Samples; 1.5 Representative Samples from Suspensions and Aerosol Clouds; 1.6 Dispersing Powder Samples for Size Characterization Studies 2 Direct Measurement of Larger Fineparticles and the Use of Image Analysis Systems to Characterize Fineparticles 2.1 Measurements on Larger Fineparticles; 2.2 Measuring the Shape Distribution of Fineparticles Using the Concept of Chunkiness; 2.3 Characterizing the Presence of Edges On a Fineparticle Profile; 2.4 Geometric Signature Waveforms for Describing the Shape of Fineparticles; 2.5 Using Automated Image Analysis Systems to Size Fineparticle Populations; 2.6 Fractal Characterization of Rugged Boundaries; 2.7 Stratified Count Logic for Assessing an Array of Fineparticle Profiles

2.8 Special Imaging Procedures for Studying Fineparticles
3 Characterizing Powders Using Sieves; 3.1 Sieving Surfaces; 3.2 The Rate of Powder Passage Through a Sieve; 3.3 Sieving Machines; 3.4 Possible Future Developments in Sieving; 4 Size Distribution Characterization Using Sedimentation Methods; 4.1 Basic Considerations; 4.2 Size analysis Procedures Based on Incremental Sampling of an Initially Homogeneous Suspension; 4.3 Sedimentation Characterization Based on Cumulative Monitoring of Sediments from an Initially Homogeneous Suspension
4.4 Line Start Methods of Sedimentation Fineparticle Size Characterization
4.5 Sedimentation Studies of Fineparticles Moving in a Centrifugal Force Field; 5 Characterizing Powders and Mists Using Elutriation; 5.1 Basic Principles of Elutriation; 6 Stream Methods for Characterizing Fineparticles; 6.1 Basic Concepts; 6.2 Resistazone Stream Counters; 6.3 Stream Counters Based on Accoustic Phenomena; 6.4 Stream Counters Using Optical Inspection Procedures; 6.5 Time-of-Flight Stream Counters; 7 Light Scattering Methods for Characterizing Fineparticles
7.1 The Basic Vocabulary and Concepts of Light Scattering
7.2 Studies of the Light Scattering Properties of Individual Fineparticles; 7.3 Light Scattering Properties of Clouds and Suspensions of Fineparticles; 7.4 Diffractometers for Characterizing Particle Size Distributions of Fineparticles; 7.5 Measuring the Fractal Structure of Flocculated Suspensions and Aerosol Systems Using Light-Scattering Studies; 8 Doppler Based Methods for Characterizing Fineparticles; 8.1 Basic Concepts Used in Doppler Methods for Characterizing Fineparticles
8.2 Stream Counters Based on Doppler Shifted Laser Light

Sommario/riassunto

Characterization of fine particles is a difficult task! A large number of industries deal with materials in powder form. The properties of these powders depend on their particle size, particle shape and size distributions, surface and porosity. What are the methods? What are the problems? What questions need answering? This new book covers the problems of sampling both powders and aerosols, and discusses calibration standards for different instruments. It takes into account fractionating methods for fine particles, e.g., sieving procedures, sedimentation methods, and

2. Record Nr.	UNINA9910968455203321
Autore	Smollett T (Tobias), <1721-1771.>
Titolo	The adventures of Roderick Random // Tobias Smollett ; introduction and notes by James G. Basker, Paul-Gabriel Bouce, Nicole A. Seary ; the text edited by O M Brack, Jr
Pubbl/distr/stampa	Athens, : University of Georgia Press, c2012
ISBN	0-19-186170-7 1-283-43204-8 9786613432049 0-8203-4128-2
Edizione	[1st ed.]
Descrizione fisica	i online resource (620 pages) : illustrations, map
Collana	Works of Tobias Smollett
Altri autori (Persone)	BaskerJames G BoucePaul-Gabriel SearyNicole A BrackO M
Disciplina	823/.6
Soggetti	Scots - England Rogues and vagabonds Impressment Warships Sailors England Fiction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 599-605) and index.
Nota di contenuto	Cover -- Contents -- List of Illustrations -- Preface -- Acknowledgments -- List of Abbreviations -- Introduction -- The Adventures of Roderick Random -- VOLUME ONE -- CHAPTER I -- CHAPTER II -- CHAPTER III -- CHAPTER IV -- CHAPTER V -- CHAPTER VI -- CHAPTER VII -- CHAPTER VIII -- CHAPTER IX -- CHAPTER X -- CHAPTER XI -- CHAPTER XII -- CHAPTER XIII -- CHAPTER XIV -- CHAPTER XV -- CHAPTER XVI -- CHAPTER XVII -- CHAPTER XVIII -- CHAPTER XIX -- CHAPTER XX -- CHAPTER XXI -- CHAPTER XXII -- CHAPTER XXIII -- CHAPTER XXIV -- CHAPTER XXV -- CHAPTER XXVI -- CHAPTER XXVII -- CHAPTER XXVIII -- CHAPTER XXIX -- CHAPTER XXX

-- CHAPTER XXXI -- CHAPTER XXXII -- CHAPTER XXXIII -- CHAPTER XXXIV -- CHAPTER XXXV -- CHAPTER XXXVI -- VOLUME TWO -- CHAPTER XXXVII -- CHAPTER XXXVIII -- CHAPTER XXXIX -- CHAPTER XL -- CHAPTER XLI -- CHAPTER XLII -- CHAPTER XLIII -- CHAPTER XLIV -- CHAPTER XLV -- CHAPTER XLVI -- CHAPTER XLVII -- CHAPTER XLVIII -- CHAPTER XLIX -- CHAPTER L -- CHAPTER LI -- CHAPTER LII -- CHAPTER LIII -- CHAPTER LIV -- CHAPTER LV -- CHAPTER LVI -- CHAPTER LVII -- CHAPTER LVIII -- CHAPTER LIX -- CHAPTER LX -- CHAPTER LXI -- CHAPTER LXII -- CHAPTER LXIII -- CHAPTER LXIV -- CHAPTER LXV -- CHAPTER LXVI -- CHAPTER LXVII -- CHAPTER LXVIII -- CHAPTER LXIX -- Appendix: An Account of the Expedition against Carthagene -- Notes to the Text -- Textual Commentary -- List of Emendations -- Word-Division -- Historical Collation -- Bibliographical Descriptions -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J -- K -- L -- M -- N -- O -- P -- Q -- R -- S -- T -- U -- V -- W -- X -- Y -- Z.

Sommario/riassunto

Roderick is a boisterous and unprincipled hero who answers life's many misfortunes with a sledgehammer. Left penniless, he leaves his native Scotland for London and on the way meets Strap, an old schoolfellow. Together they undergo many adventures at the hands of scoundrels and rogues.
