

Global Automatic Particle Monitor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Automatic Particle Monitor market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Automatic Particle Monitor (APM) is an air monitoring device used to measure the concentration of airborne particulate matter in the ambient air. It is designed for continuous operation and can provide real-time data on particle concentration. The working principle of APM is to inhale air through the sample inlet and pass it through the laser beam. Laser beams irradiate particles in the air, and scattered light is detected by photodetectors. Photodetectors measure the intensity of scattered light, which is proportional to the concentration of particles in the air. APM can be used to measure the concentration of particles of different sizes, typically with diameters ranging from 0.3 to 10 microns. It can also be equipped with different types of filters to collect specific types of particulate matter, such as particulate matter or pollen from diesel engines. APM is often used in environmental research and monitoring projects to study the impact of particulate matter in the air on human health and the environment. It can also be used to monitor compliance with environmental regulations related to particulate matter emissions.

This report is a detailed and comprehensive analysis for global Automatic Particle Monitor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Range and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets.

Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Automatic Particle Monitor market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Particle Monitor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Particle Monitor market size and forecasts, by Range and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Automatic Particle Monitor market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automatic Particle Monitor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automatic Particle Monitor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TSI Incorporated, Met One Instruments, Rion Co., Ltd., Grimm Aerosol Technik GmbH & Co. KG and Particle Measuring Systems, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Automatic Particle Monitor market is split by Range and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Range, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Range

100 ug/m?

200 ug/m?

250 ug/m?

500 ug/m?

2000 ug/m?

5000 ug/m?

10000 ug/m?

Market segment by Application

Industrial Park

Public Place

Scientific Research Institution

Major players covered

TSI Incorporated

Met One Instruments

Rion Co., Ltd.

Grimm Aerosol Technik GmbH & Co. KG

Particle Measuring Systems

Kanomax USA, Inc.

Climet Instruments Company

Fluke Corporation

Beckman Coulter, Inc.

Lighthouse Worldwide Solutions

Thermo Fisher Scientific Inc.

Horiba, Ltd.

Klotz GmbH

PAMAS Partikelmess- und Analysesysteme GmbH

Topas GmbH

Palas GmbH

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automatic Particle Monitor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automatic Particle Monitor, with price, sales, revenue and global market share of Automatic Particle Monitor from 2018 to 2023.

Chapter 3, the Automatic Particle Monitor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automatic Particle Monitor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Range and application, with sales market share and growth rate by range, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Automatic Particle Monitor market forecast, by regions, range and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automatic Particle Monitor.

Chapter 14 and 15, to describe Automatic Particle Monitor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Automatic Particle Monitor

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Range

1.3.1 Overview: Global Automatic Particle Monitor Consumption Value by Range: 2018 Versus 2022 Versus 2029

1.3.2 100 ug/m³

1.3.3 200 ug/m³

1.3.4 250 ug/m³

1.3.5 500 ug/m³

1.3.6 2000 ug/m³

1.3.7 5000 ug/m³

1.3.8 10000 ug/m³

1.4 Market Analysis by Application

1.4.1 Overview: Global Automatic Particle Monitor Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Industrial Park

1.4.3 Public Place

1.4.4 Scientific Research Institution

1.5 Global Automatic Particle Monitor Market Size & Forecast

1.5.1 Global Automatic Particle Monitor Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Automatic Particle Monitor Sales Quantity (2018-2029)

1.5.3 Global Automatic Particle Monitor Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 TSI Incorporated

2.1.1 TSI Incorporated Details

2.1.2 TSI Incorporated Major Business

2.1.3 TSI Incorporated Automatic Particle Monitor Product and Services

2.1.4 TSI Incorporated Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 TSI Incorporated Recent Developments/Updates

2.2 Met One Instruments

2.2.1 Met One Instruments Details

2.2.2 Met One Instruments Major Business

- 2.2.3 Met One Instruments Automatic Particle Monitor Product and Services
- 2.2.4 Met One Instruments Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Met One Instruments Recent Developments/Updates
- 2.3 Rion Co., Ltd.
 - 2.3.1 Rion Co., Ltd. Details
 - 2.3.2 Rion Co., Ltd. Major Business
 - 2.3.3 Rion Co., Ltd. Automatic Particle Monitor Product and Services
 - 2.3.4 Rion Co., Ltd. Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Rion Co., Ltd. Recent Developments/Updates
- 2.4 Grimm Aerosol Technik GmbH & Co. KG
 - 2.4.1 Grimm Aerosol Technik GmbH & Co. KG Details
 - 2.4.2 Grimm Aerosol Technik GmbH & Co. KG Major Business
 - 2.4.3 Grimm Aerosol Technik GmbH & Co. KG Automatic Particle Monitor Product and Services
 - 2.4.4 Grimm Aerosol Technik GmbH & Co. KG Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 Grimm Aerosol Technik GmbH & Co. KG Recent Developments/Updates
- 2.5 Particle Measuring Systems
 - 2.5.1 Particle Measuring Systems Details
 - 2.5.2 Particle Measuring Systems Major Business
 - 2.5.3 Particle Measuring Systems Automatic Particle Monitor Product and Services
 - 2.5.4 Particle Measuring Systems Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Particle Measuring Systems Recent Developments/Updates
- 2.6 Kanomax USA, Inc.
 - 2.6.1 Kanomax USA, Inc. Details
 - 2.6.2 Kanomax USA, Inc. Major Business
 - 2.6.3 Kanomax USA, Inc. Automatic Particle Monitor Product and Services
 - 2.6.4 Kanomax USA, Inc. Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Kanomax USA, Inc. Recent Developments/Updates
- 2.7 Climet Instruments Company
 - 2.7.1 Climet Instruments Company Details
 - 2.7.2 Climet Instruments Company Major Business
 - 2.7.3 Climet Instruments Company Automatic Particle Monitor Product and Services
 - 2.7.4 Climet Instruments Company Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.7.5 Climet Instruments Company Recent Developments/Updates
- 2.8 Fluke Corporation
 - 2.8.1 Fluke Corporation Details
 - 2.8.2 Fluke Corporation Major Business
 - 2.8.3 Fluke Corporation Automatic Particle Monitor Product and Services
 - 2.8.4 Fluke Corporation Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.8.5 Fluke Corporation Recent Developments/Updates
- 2.9 Beckman Coulter, Inc.
 - 2.9.1 Beckman Coulter, Inc. Details
 - 2.9.2 Beckman Coulter, Inc. Major Business
 - 2.9.3 Beckman Coulter, Inc. Automatic Particle Monitor Product and Services
 - 2.9.4 Beckman Coulter, Inc. Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Beckman Coulter, Inc. Recent Developments/Updates
- 2.10 Lighthouse Worldwide Solutions
 - 2.10.1 Lighthouse Worldwide Solutions Details
 - 2.10.2 Lighthouse Worldwide Solutions Major Business
 - 2.10.3 Lighthouse Worldwide Solutions Automatic Particle Monitor Product and Services
 - 2.10.4 Lighthouse Worldwide Solutions Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Lighthouse Worldwide Solutions Recent Developments/Updates
- 2.11 Thermo Fisher Scientific Inc.
 - 2.11.1 Thermo Fisher Scientific Inc. Details
 - 2.11.2 Thermo Fisher Scientific Inc. Major Business
 - 2.11.3 Thermo Fisher Scientific Inc. Automatic Particle Monitor Product and Services
 - 2.11.4 Thermo Fisher Scientific Inc. Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Thermo Fisher Scientific Inc. Recent Developments/Updates
- 2.12 Horiba, Ltd.
 - 2.12.1 Horiba, Ltd. Details
 - 2.12.2 Horiba, Ltd. Major Business
 - 2.12.3 Horiba, Ltd. Automatic Particle Monitor Product and Services
 - 2.12.4 Horiba, Ltd. Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 Horiba, Ltd. Recent Developments/Updates
- 2.13 Klotz GmbH
 - 2.13.1 Klotz GmbH Details

- 2.13.2 Klotz GmbH Major Business
- 2.13.3 Klotz GmbH Automatic Particle Monitor Product and Services
- 2.13.4 Klotz GmbH Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Klotz GmbH Recent Developments/Updates
- 2.14 PAMAS Partikelmess- und Analysesysteme GmbH
 - 2.14.1 PAMAS Partikelmess- und Analysesysteme GmbH Details
 - 2.14.2 PAMAS Partikelmess- und Analysesysteme GmbH Major Business
 - 2.14.3 PAMAS Partikelmess- und Analysesysteme GmbH Automatic Particle Monitor Product and Services
 - 2.14.4 PAMAS Partikelmess- und Analysesysteme GmbH Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 PAMAS Partikelmess- und Analysesysteme GmbH Recent Developments/Updates
- 2.15 Topas GmbH
 - 2.15.1 Topas GmbH Details
 - 2.15.2 Topas GmbH Major Business
 - 2.15.3 Topas GmbH Automatic Particle Monitor Product and Services
 - 2.15.4 Topas GmbH Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Topas GmbH Recent Developments/Updates
- 2.16 Palas GmbH
 - 2.16.1 Palas GmbH Details
 - 2.16.2 Palas GmbH Major Business
 - 2.16.3 Palas GmbH Automatic Particle Monitor Product and Services
 - 2.16.4 Palas GmbH Automatic Particle Monitor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.16.5 Palas GmbH Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMATIC PARTICLE MONITOR BY MANUFACTURER

- 3.1 Global Automatic Particle Monitor Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Automatic Particle Monitor Revenue by Manufacturer (2018-2023)
- 3.3 Global Automatic Particle Monitor Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Automatic Particle Monitor by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Automatic Particle Monitor Manufacturer Market Share in 2022

- 3.4.2 Top 6 Automatic Particle Monitor Manufacturer Market Share in 2022
- 3.5 Automatic Particle Monitor Market: Overall Company Footprint Analysis
 - 3.5.1 Automatic Particle Monitor Market: Region Footprint
 - 3.5.2 Automatic Particle Monitor Market: Company Product Type Footprint
 - 3.5.3 Automatic Particle Monitor Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Automatic Particle Monitor Market Size by Region
 - 4.1.1 Global Automatic Particle Monitor Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Automatic Particle Monitor Consumption Value by Region (2018-2029)
 - 4.1.3 Global Automatic Particle Monitor Average Price by Region (2018-2029)
- 4.2 North America Automatic Particle Monitor Consumption Value (2018-2029)
- 4.3 Europe Automatic Particle Monitor Consumption Value (2018-2029)
- 4.4 Asia-Pacific Automatic Particle Monitor Consumption Value (2018-2029)
- 4.5 South America Automatic Particle Monitor Consumption Value (2018-2029)
- 4.6 Middle East and Africa Automatic Particle Monitor Consumption Value (2018-2029)

5 MARKET SEGMENT BY RANGE

- 5.1 Global Automatic Particle Monitor Sales Quantity by Range (2018-2029)
- 5.2 Global Automatic Particle Monitor Consumption Value by Range (2018-2029)
- 5.3 Global Automatic Particle Monitor Average Price by Range (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Automatic Particle Monitor Sales Quantity by Application (2018-2029)
- 6.2 Global Automatic Particle Monitor Consumption Value by Application (2018-2029)
- 6.3 Global Automatic Particle Monitor Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America Automatic Particle Monitor Sales Quantity by Range (2018-2029)
- 7.2 North America Automatic Particle Monitor Sales Quantity by Application (2018-2029)
- 7.3 North America Automatic Particle Monitor Market Size by Country
 - 7.3.1 North America Automatic Particle Monitor Sales Quantity by Country

(2018-2029)

7.3.2 North America Automatic Particle Monitor Consumption Value by Country

(2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Automatic Particle Monitor Sales Quantity by Range (2018-2029)

8.2 Europe Automatic Particle Monitor Sales Quantity by Application (2018-2029)

8.3 Europe Automatic Particle Monitor Market Size by Country

8.3.1 Europe Automatic Particle Monitor Sales Quantity by Country (2018-2029)

8.3.2 Europe Automatic Particle Monitor Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automatic Particle Monitor Sales Quantity by Range (2018-2029)

9.2 Asia-Pacific Automatic Particle Monitor Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Automatic Particle Monitor Market Size by Region

9.3.1 Asia-Pacific Automatic Particle Monitor Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Automatic Particle Monitor Consumption Value by Region
(2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Automatic Particle Monitor Sales Quantity by Range (2018-2029)

10.2 South America Automatic Particle Monitor Sales Quantity by Application

(2018-2029)

10.3 South America Automatic Particle Monitor Market Size by Country

10.3.1 South America Automatic Particle Monitor Sales Quantity by Country

(2018-2029)

10.3.2 South America Automatic Particle Monitor Consumption Value by Country

(2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automatic Particle Monitor Sales Quantity by Range

(2018-2029)

11.2 Middle East & Africa Automatic Particle Monitor Sales Quantity by Application

(2018-2029)

11.3 Middle East & Africa Automatic Particle Monitor Market Size by Country

11.3.1 Middle East & Africa Automatic Particle Monitor Sales Quantity by Country

(2018-2029)

11.3.2 Middle East & Africa Automatic Particle Monitor Consumption Value by Country

(2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Automatic Particle Monitor Market Drivers

12.2 Automatic Particle Monitor Market Restraints

12.3 Automatic Particle Monitor Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Automatic Particle Monitor and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automatic Particle Monitor

13.3 Automatic Particle Monitor Production Process

13.4 Automatic Particle Monitor Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automatic Particle Monitor Typical Distributors

14.3 Automatic Particle Monitor Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Automatic Particle Monitor Consumption Value by Range, (USD Million), 2018 & 2022 & 2029

Table 2. Global Automatic Particle Monitor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. TSI Incorporated Basic Information, Manufacturing Base and Competitors

Table 4. TSI Incorporated Major Business

Table 5. TSI Incorporated Automatic Particle Monitor Product and Services

Table 6. TSI Incorporated Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. TSI Incorporated Recent Developments/Updates

Table 8. Met One Instruments Basic Information, Manufacturing Base and Competitors

Table 9. Met One Instruments Major Business

Table 10. Met One Instruments Automatic Particle Monitor Product and Services

Table 11. Met One Instruments Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Met One Instruments Recent Developments/Updates

Table 13. Rion Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 14. Rion Co., Ltd. Major Business

Table 15. Rion Co., Ltd. Automatic Particle Monitor Product and Services

Table 16. Rion Co., Ltd. Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Rion Co., Ltd. Recent Developments/Updates

Table 18. Grimm Aerosol Technik GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 19. Grimm Aerosol Technik GmbH & Co. KG Major Business

Table 20. Grimm Aerosol Technik GmbH & Co. KG Automatic Particle Monitor Product and Services

Table 21. Grimm Aerosol Technik GmbH & Co. KG Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Grimm Aerosol Technik GmbH & Co. KG Recent Developments/Updates

Table 23. Particle Measuring Systems Basic Information, Manufacturing Base and Competitors

Table 24. Particle Measuring Systems Major Business

Table 25. Particle Measuring Systems Automatic Particle Monitor Product and Services

Table 26. Particle Measuring Systems Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Particle Measuring Systems Recent Developments/Updates

Table 28. Kanomax USA, Inc. Basic Information, Manufacturing Base and Competitors

Table 29. Kanomax USA, Inc. Major Business

Table 30. Kanomax USA, Inc. Automatic Particle Monitor Product and Services

Table 31. Kanomax USA, Inc. Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Kanomax USA, Inc. Recent Developments/Updates

Table 33. Climet Instruments Company Basic Information, Manufacturing Base and Competitors

Table 34. Climet Instruments Company Major Business

Table 35. Climet Instruments Company Automatic Particle Monitor Product and Services

Table 36. Climet Instruments Company Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Climet Instruments Company Recent Developments/Updates

Table 38. Fluke Corporation Basic Information, Manufacturing Base and Competitors

Table 39. Fluke Corporation Major Business

Table 40. Fluke Corporation Automatic Particle Monitor Product and Services

Table 41. Fluke Corporation Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Fluke Corporation Recent Developments/Updates

Table 43. Beckman Coulter, Inc. Basic Information, Manufacturing Base and Competitors

Table 44. Beckman Coulter, Inc. Major Business

Table 45. Beckman Coulter, Inc. Automatic Particle Monitor Product and Services

Table 46. Beckman Coulter, Inc. Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Beckman Coulter, Inc. Recent Developments/Updates

Table 48. Lighthouse Worldwide Solutions Basic Information, Manufacturing Base and Competitors

Table 49. Lighthouse Worldwide Solutions Major Business

Table 50. Lighthouse Worldwide Solutions Automatic Particle Monitor Product and

Services

Table 51. Lighthouse Worldwide Solutions Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Lighthouse Worldwide Solutions Recent Developments/Updates

Table 53. Thermo Fisher Scientific Inc. Basic Information, Manufacturing Base and Competitors

Table 54. Thermo Fisher Scientific Inc. Major Business

Table 55. Thermo Fisher Scientific Inc. Automatic Particle Monitor Product and Services

Table 56. Thermo Fisher Scientific Inc. Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Thermo Fisher Scientific Inc. Recent Developments/Updates

Table 58. Horiba, Ltd. Basic Information, Manufacturing Base and Competitors

Table 59. Horiba, Ltd. Major Business

Table 60. Horiba, Ltd. Automatic Particle Monitor Product and Services

Table 61. Horiba, Ltd. Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Horiba, Ltd. Recent Developments/Updates

Table 63. Klotz GmbH Basic Information, Manufacturing Base and Competitors

Table 64. Klotz GmbH Major Business

Table 65. Klotz GmbH Automatic Particle Monitor Product and Services

Table 66. Klotz GmbH Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Klotz GmbH Recent Developments/Updates

Table 68. PAMAS Partikelmess- und Analysesysteme GmbH Basic Information, Manufacturing Base and Competitors

Table 69. PAMAS Partikelmess- und Analysesysteme GmbH Major Business

Table 70. PAMAS Partikelmess- und Analysesysteme GmbH Automatic Particle Monitor Product and Services

Table 71. PAMAS Partikelmess- und Analysesysteme GmbH Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. PAMAS Partikelmess- und Analysesysteme GmbH Recent Developments/Updates

Table 73. Topas GmbH Basic Information, Manufacturing Base and Competitors

Table 74. Topas GmbH Major Business

Table 75. Topas GmbH Automatic Particle Monitor Product and Services

Table 76. Topas GmbH Automatic Particle Monitor Sales Quantity (Units), Average

- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Topas GmbH Recent Developments/Updates
- Table 78. Palas GmbH Basic Information, Manufacturing Base and Competitors
- Table 79. Palas GmbH Major Business
- Table 80. Palas GmbH Automatic Particle Monitor Product and Services
- Table 81. Palas GmbH Automatic Particle Monitor Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 82. Palas GmbH Recent Developments/Updates
- Table 83. Global Automatic Particle Monitor Sales Quantity by Manufacturer (2018-2023) & (Units)
- Table 84. Global Automatic Particle Monitor Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 85. Global Automatic Particle Monitor Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 86. Market Position of Manufacturers in Automatic Particle Monitor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 87. Head Office and Automatic Particle Monitor Production Site of Key Manufacturer
- Table 88. Automatic Particle Monitor Market: Company Product Type Footprint
- Table 89. Automatic Particle Monitor Market: Company Product Application Footprint
- Table 90. Automatic Particle Monitor New Market Entrants and Barriers to Market Entry
- Table 91. Automatic Particle Monitor Mergers, Acquisition, Agreements, and Collaborations
- Table 92. Global Automatic Particle Monitor Sales Quantity by Region (2018-2023) & (Units)
- Table 93. Global Automatic Particle Monitor Sales Quantity by Region (2024-2029) & (Units)
- Table 94. Global Automatic Particle Monitor Consumption Value by Region (2018-2023) & (USD Million)
- Table 95. Global Automatic Particle Monitor Consumption Value by Region (2024-2029) & (USD Million)
- Table 96. Global Automatic Particle Monitor Average Price by Region (2018-2023) & (US\$/Unit)
- Table 97. Global Automatic Particle Monitor Average Price by Region (2024-2029) & (US\$/Unit)
- Table 98. Global Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)
- Table 99. Global Automatic Particle Monitor Sales Quantity by Range (2024-2029) & (Units)

Table 100. Global Automatic Particle Monitor Consumption Value by Range (2018-2023) & (USD Million)

Table 101. Global Automatic Particle Monitor Consumption Value by Range (2024-2029) & (USD Million)

Table 102. Global Automatic Particle Monitor Average Price by Range (2018-2023) & (US\$/Unit)

Table 103. Global Automatic Particle Monitor Average Price by Range (2024-2029) & (US\$/Unit)

Table 104. Global Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 105. Global Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 106. Global Automatic Particle Monitor Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global Automatic Particle Monitor Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global Automatic Particle Monitor Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global Automatic Particle Monitor Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)

Table 111. North America Automatic Particle Monitor Sales Quantity by Range (2024-2029) & (Units)

Table 112. North America Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 113. North America Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 114. North America Automatic Particle Monitor Sales Quantity by Country (2018-2023) & (Units)

Table 115. North America Automatic Particle Monitor Sales Quantity by Country (2024-2029) & (Units)

Table 116. North America Automatic Particle Monitor Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America Automatic Particle Monitor Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)

Table 119. Europe Automatic Particle Monitor Sales Quantity by Range (2024-2029) &

(Units)

Table 120. Europe Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 121. Europe Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 122. Europe Automatic Particle Monitor Sales Quantity by Country (2018-2023) & (Units)

Table 123. Europe Automatic Particle Monitor Sales Quantity by Country (2024-2029) & (Units)

Table 124. Europe Automatic Particle Monitor Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe Automatic Particle Monitor Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)

Table 127. Asia-Pacific Automatic Particle Monitor Sales Quantity by Range (2024-2029) & (Units)

Table 128. Asia-Pacific Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 129. Asia-Pacific Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 130. Asia-Pacific Automatic Particle Monitor Sales Quantity by Region (2018-2023) & (Units)

Table 131. Asia-Pacific Automatic Particle Monitor Sales Quantity by Region (2024-2029) & (Units)

Table 132. Asia-Pacific Automatic Particle Monitor Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific Automatic Particle Monitor Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)

Table 135. South America Automatic Particle Monitor Sales Quantity by Range (2024-2029) & (Units)

Table 136. South America Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 137. South America Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 138. South America Automatic Particle Monitor Sales Quantity by Country (2018-2023) & (Units)

Table 139. South America Automatic Particle Monitor Sales Quantity by Country (2024-2029) & (Units)

Table 140. South America Automatic Particle Monitor Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America Automatic Particle Monitor Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa Automatic Particle Monitor Sales Quantity by Range (2018-2023) & (Units)

Table 143. Middle East & Africa Automatic Particle Monitor Sales Quantity by Range (2024-2029) & (Units)

Table 144. Middle East & Africa Automatic Particle Monitor Sales Quantity by Application (2018-2023) & (Units)

Table 145. Middle East & Africa Automatic Particle Monitor Sales Quantity by Application (2024-2029) & (Units)

Table 146. Middle East & Africa Automatic Particle Monitor Sales Quantity by Region (2018-2023) & (Units)

Table 147. Middle East & Africa Automatic Particle Monitor Sales Quantity by Region (2024-2029) & (Units)

Table 148. Middle East & Africa Automatic Particle Monitor Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa Automatic Particle Monitor Consumption Value by Region (2024-2029) & (USD Million)

Table 150. Automatic Particle Monitor Raw Material

Table 151. Key Manufacturers of Automatic Particle Monitor Raw Materials

Table 152. Automatic Particle Monitor Typical Distributors

Table 153. Automatic Particle Monitor Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Automatic Particle Monitor Picture

Figure 2. Global Automatic Particle Monitor Consumption Value by Range, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Automatic Particle Monitor Consumption Value Market Share by Range in 2022

Figure 4. 100 ug/m³ Examples

Figure 5. 200 ug/m³ Examples

Figure 6. 250 ug/m³ Examples

Figure 7. 500 ug/m³ Examples

Figure 8. 2000 ug/m³ Examples

Figure 9. 5000 ug/m³ Examples

Figure 10. 10000 ug/m³ Examples

Figure 11. Global Automatic Particle Monitor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 12. Global Automatic Particle Monitor Consumption Value Market Share by Application in 2022

Figure 13. Industrial Park Examples

Figure 14. Public Place Examples

Figure 15. Scientific Research Institution Examples

Figure 16. Global Automatic Particle Monitor Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Automatic Particle Monitor Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Automatic Particle Monitor Sales Quantity (2018-2029) & (Units)

Figure 19. Global Automatic Particle Monitor Average Price (2018-2029) & (US\$/Unit)

Figure 20. Global Automatic Particle Monitor Sales Quantity Market Share by Manufacturer in 2022

Figure 21. Global Automatic Particle Monitor Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Automatic Particle Monitor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Automatic Particle Monitor Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Automatic Particle Monitor Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Automatic Particle Monitor Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Automatic Particle Monitor Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Automatic Particle Monitor Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Automatic Particle Monitor Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Automatic Particle Monitor Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Automatic Particle Monitor Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Automatic Particle Monitor Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 33. Global Automatic Particle Monitor Consumption Value Market Share by Range (2018-2029)

Figure 34. Global Automatic Particle Monitor Average Price by Range (2018-2029) & (US\$/Unit)

Figure 35. Global Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Automatic Particle Monitor Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Automatic Particle Monitor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 38. North America Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 39. North America Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Automatic Particle Monitor Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Automatic Particle Monitor Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Automatic Particle Monitor Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 45. Europe Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 46. Europe Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Automatic Particle Monitor Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Automatic Particle Monitor Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 55. Asia-Pacific Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Automatic Particle Monitor Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Automatic Particle Monitor Consumption Value Market Share by Region (2018-2029)

Figure 58. China Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. South America Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 65. South America Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Automatic Particle Monitor Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Automatic Particle Monitor Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Automatic Particle Monitor Sales Quantity Market Share by Range (2018-2029)

Figure 71. Middle East & Africa Automatic Particle Monitor Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Automatic Particle Monitor Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Automatic Particle Monitor Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Automatic Particle Monitor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Automatic Particle Monitor Market Drivers

Figure 79. Automatic Particle Monitor Market Restraints

Figure 80. Automatic Particle Monitor Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Automatic Particle Monitor in 2022

Figure 83. Manufacturing Process Analysis of Automatic Particle Monitor

Figure 84. Automatic Particle Monitor Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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