

# Global Particulate Matter Monitoring Device Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G4A39D357668EN.html

Date: February 2023 Pages: 119 Price: US\$ 3,480.00 (Single User License) ID: G4A39D357668EN

# **Abstracts**

According to our (Global Info Research) latest study, the global Particulate Matter Monitoring Device 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.

This report is a detailed and comprehensive analysis for global Particulate Matter Monitoring Device market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Particulate Matter Monitoring Device market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Particulate Matter Monitoring Device market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Particulate Matter Monitoring Device market size and forecasts, by Type and by



Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Particulate Matter Monitoring Device market shares of main players, shipments in revenue (\$ Million), sales quantity (K 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 Particulate Matter Monitoring Device

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 Particulate Matter Monitoring Device 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 Thermo Fisher, 3M, PerkinElmer, TSI and FPI, 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

Particulate Matter Monitoring Device market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

Light Scattering

**Beta-attenuation** 



Gravimetric

Opacity

Others

Market segment by Application

PM1

PM2.5

PM4

PM10

Major players covered

Thermo Fisher

ЗM

PerkinElmer

TSI

FPI

Hebei Sailhero

Teledyne API

Universtar

SDL

METONE



Kanomax

Horiba

UniTec

Enviro Technology

Aeroqual

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 Particulate Matter Monitoring Device product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Particulate Matter Monitoring Device, with price, sales, revenue and global market share of Particulate Matter Monitoring Device from 2018 to 2023.

Chapter 3, the Particulate Matter Monitoring Device competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.



Chapter 4, the Particulate Matter Monitoring Device 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 Type and application, with sales market share and growth rate by type, 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 Particulate Matter Monitoring Device market forecast, by regions, type 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 Particulate Matter Monitoring Device.

Chapter 14 and 15, to describe Particulate Matter Monitoring Device sales channel, distributors, customers, research findings and conclusion.



# Contents

# **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Particulate Matter Monitoring Device

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Particulate Matter Monitoring Device Consumption Value by Type: 2018 Versus 2022 Versus 2029

- 1.3.2 Light Scattering
- 1.3.3 Beta-attenuation
- 1.3.4 Gravimetric
- 1.3.5 Opacity
- 1.3.6 Others
- 1.4 Market Analysis by Application

1.4.1 Overview: Global Particulate Matter Monitoring Device Consumption Value by Application: 2018 Versus 2022 Versus 2029

- 1.4.2 PM1
- 1.4.3 PM2.5
- 1.4.4 PM4
- 1.4.5 PM10

1.5 Global Particulate Matter Monitoring Device Market Size & Forecast

1.5.1 Global Particulate Matter Monitoring Device Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Particulate Matter Monitoring Device Sales Quantity (2018-2029)

1.5.3 Global Particulate Matter Monitoring Device Average Price (2018-2029)

# **2 MANUFACTURERS PROFILES**

- 2.1 Thermo Fisher
  - 2.1.1 Thermo Fisher Details
  - 2.1.2 Thermo Fisher Major Business
  - 2.1.3 Thermo Fisher Particulate Matter Monitoring Device Product and Services

2.1.4 Thermo Fisher Particulate Matter Monitoring Device Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Thermo Fisher Recent Developments/Updates

2.2 3M

2.2.1 3M Details

2.2.2 3M Major Business

Global Particulate Matter Monitoring Device Market 2023 by Manufacturers, Regions, Type and Application, Forec...



- 2.2.3 3M Particulate Matter Monitoring Device Product and Services
- 2.2.4 3M Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 3M Recent Developments/Updates

2.3 PerkinElmer

- 2.3.1 PerkinElmer Details
- 2.3.2 PerkinElmer Major Business
- 2.3.3 PerkinElmer Particulate Matter Monitoring Device Product and Services
- 2.3.4 PerkinElmer Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 PerkinElmer Recent Developments/Updates

2.4 TSI

- 2.4.1 TSI Details
- 2.4.2 TSI Major Business
- 2.4.3 TSI Particulate Matter Monitoring Device Product and Services
- 2.4.4 TSI Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 TSI Recent Developments/Updates

2.5 FPI

- 2.5.1 FPI Details
- 2.5.2 FPI Major Business
- 2.5.3 FPI Particulate Matter Monitoring Device Product and Services
- 2.5.4 FPI Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 FPI Recent Developments/Updates

2.6 Hebei Sailhero

- 2.6.1 Hebei Sailhero Details
- 2.6.2 Hebei Sailhero Major Business
- 2.6.3 Hebei Sailhero Particulate Matter Monitoring Device Product and Services
- 2.6.4 Hebei Sailhero Particulate Matter Monitoring Device Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Hebei Sailhero Recent Developments/Updates

2.7 Teledyne API

- 2.7.1 Teledyne API Details
- 2.7.2 Teledyne API Major Business
- 2.7.3 Teledyne API Particulate Matter Monitoring Device Product and Services
- 2.7.4 Teledyne API Particulate Matter Monitoring Device Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Teledyne API Recent Developments/Updates



2.8 Universtar

2.8.1 Universtar Details

2.8.2 Universtar Major Business

2.8.3 Universtar Particulate Matter Monitoring Device Product and Services

2.8.4 Universtar Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Universtar Recent Developments/Updates

2.9 SDL

2.9.1 SDL Details

2.9.2 SDL Major Business

2.9.3 SDL Particulate Matter Monitoring Device Product and Services

2.9.4 SDL Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 SDL Recent Developments/Updates

2.10 METONE

2.10.1 METONE Details

2.10.2 METONE Major Business

2.10.3 METONE Particulate Matter Monitoring Device Product and Services

2.10.4 METONE Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 METONE Recent Developments/Updates

2.11 Kanomax

2.11.1 Kanomax Details

2.11.2 Kanomax Major Business

2.11.3 Kanomax Particulate Matter Monitoring Device Product and Services

2.11.4 Kanomax Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Kanomax Recent Developments/Updates

2.12 Horiba

2.12.1 Horiba Details

2.12.2 Horiba Major Business

2.12.3 Horiba Particulate Matter Monitoring Device Product and Services

2.12.4 Horiba Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Horiba Recent Developments/Updates

2.13 UniTec

2.13.1 UniTec Details

2.13.2 UniTec Major Business

2.13.3 UniTec Particulate Matter Monitoring Device Product and Services



2.13.4 UniTec Particulate Matter Monitoring Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 UniTec Recent Developments/Updates

2.14 Enviro Technology

2.14.1 Enviro Technology Details

2.14.2 Enviro Technology Major Business

2.14.3 Enviro Technology Particulate Matter Monitoring Device Product and Services

2.14.4 Enviro Technology Particulate Matter Monitoring Device Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Enviro Technology Recent Developments/Updates

2.15 Aeroqual

2.15.1 Aeroqual Details

2.15.2 Aeroqual Major Business

2.15.3 Aeroqual Particulate Matter Monitoring Device Product and Services

2.15.4 Aeroqual Particulate Matter Monitoring Device Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Aeroqual Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: PARTICULATE MATTER MONITORING DEVICE BY MANUFACTURER

3.1 Global Particulate Matter Monitoring Device Sales Quantity by Manufacturer (2018-2023)

3.2 Global Particulate Matter Monitoring Device Revenue by Manufacturer (2018-2023)3.3 Global Particulate Matter Monitoring Device Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Particulate Matter Monitoring Device by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Particulate Matter Monitoring Device Manufacturer Market Share in 20223.4.2 Top 6 Particulate Matter Monitoring Device Manufacturer Market Share in 20223.5 Particulate Matter Monitoring Device Market: Overall Company Footprint Analysis

3.5.1 Particulate Matter Monitoring Device Market: Region Footprint

3.5.2 Particulate Matter Monitoring Device Market: Company Product Type Footprint

3.5.3 Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Market Size by Region

4.1.1 Global Particulate Matter Monitoring Device Sales Quantity by Region (2018-2029)

4.1.2 Global Particulate Matter Monitoring Device Consumption Value by Region (2018-2029)

4.1.3 Global Particulate Matter Monitoring Device Average Price by Region (2018-2029)

4.2 North America Particulate Matter Monitoring Device Consumption Value (2018-2029)

4.3 Europe Particulate Matter Monitoring Device Consumption Value (2018-2029)

4.4 Asia-Pacific Particulate Matter Monitoring Device Consumption Value (2018-2029)

4.5 South America Particulate Matter Monitoring Device Consumption Value (2018-2029)

4.6 Middle East and Africa Particulate Matter Monitoring Device Consumption Value (2018-2029)

### **5 MARKET SEGMENT BY TYPE**

5.1 Global Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

5.2 Global Particulate Matter Monitoring Device Consumption Value by Type (2018-2029)

5.3 Global Particulate Matter Monitoring Device Average Price by Type (2018-2029)

# **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Particulate Matter Monitoring Device Sales Quantity by Application (2018-2029)

6.2 Global Particulate Matter Monitoring Device Consumption Value by Application (2018-2029)

6.3 Global Particulate Matter Monitoring Device Average Price by Application (2018-2029)

#### **7 NORTH AMERICA**

7.1 North America Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

7.2 North America Particulate Matter Monitoring Device Sales Quantity by Application



(2018-2029)

7.3 North America Particulate Matter Monitoring Device Market Size by Country

7.3.1 North America Particulate Matter Monitoring Device Sales Quantity by Country (2018-2029)

7.3.2 North America Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

8.2 Europe Particulate Matter Monitoring Device Sales Quantity by Application (2018-2029)

8.3 Europe Particulate Matter Monitoring Device Market Size by Country

8.3.1 Europe Particulate Matter Monitoring Device Sales Quantity by Country (2018-2029)

8.3.2 Europe Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Particulate Matter Monitoring Device Market Size by Region

9.3.1 Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

10.2 South America Particulate Matter Monitoring Device Sales Quantity by Application (2018-2029)

10.3 South America Particulate Matter Monitoring Device Market Size by Country

10.3.1 South America Particulate Matter Monitoring Device Sales Quantity by Country (2018-2029)

10.3.2 South America Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Particulate Matter Monitoring Device Market Size by Country

11.3.1 Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device Market Drivers

12.2 Particulate Matter Monitoring Device Market Restraints

Global Particulate Matter Monitoring Device Market 2023 by Manufacturers, Regions, Type and Application, Forec...



- 12.3 Particulate Matter Monitoring Device 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 Particulate Matter Monitoring Device and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Particulate Matter Monitoring Device
- 13.3 Particulate Matter Monitoring Device Production Process
- 13.4 Particulate Matter Monitoring Device Industrial Chain

#### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Particulate Matter Monitoring Device Typical Distributors
- 14.3 Particulate Matter Monitoring Device Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

16.1 Methodology16.2 Research Process and Data Source16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Particulate Matter Monitoring Device Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Particulate Matter Monitoring Device Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Thermo Fisher Basic Information, Manufacturing Base and Competitors

Table 4. Thermo Fisher Major Business

Table 5. Thermo Fisher Particulate Matter Monitoring Device Product and Services

Table 6. Thermo Fisher Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Thermo Fisher Recent Developments/Updates

Table 8. 3M Basic Information, Manufacturing Base and Competitors

Table 9. 3M Major Business

Table 10. 3M Particulate Matter Monitoring Device Product and Services

Table 11. 3M Particulate Matter Monitoring Device Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. 3M Recent Developments/Updates

 Table 13. PerkinElmer Basic Information, Manufacturing Base and Competitors

Table 14. PerkinElmer Major Business

 Table 15. PerkinElmer Particulate Matter Monitoring Device Product and Services

Table 16. PerkinElmer Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. PerkinElmer Recent Developments/Updates

Table 18. TSI Basic Information, Manufacturing Base and Competitors

Table 19. TSI Major Business

Table 20. TSI Particulate Matter Monitoring Device Product and Services

Table 21. TSI Particulate Matter Monitoring Device Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. TSI Recent Developments/Updates

Table 23. FPI Basic Information, Manufacturing Base and Competitors

Table 24. FPI Major Business

 Table 25. FPI Particulate Matter Monitoring Device Product and Services

Table 26. FPI Particulate Matter Monitoring Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



Table 27. FPI Recent Developments/Updates

Table 28. Hebei Sailhero Basic Information, Manufacturing Base and Competitors Table 29. Hebei Sailhero Major Business

 Table 30. Hebei Sailhero Particulate Matter Monitoring Device Product and Services

Table 31. Hebei Sailhero Particulate Matter Monitoring Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Hebei Sailhero Recent Developments/Updates

Table 33. Teledyne API Basic Information, Manufacturing Base and Competitors

Table 34. Teledyne API Major Business

 Table 35. Teledyne API Particulate Matter Monitoring Device Product and Services

Table 36. Teledyne API Particulate Matter Monitoring Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2018-2023)

Table 37. Teledyne API Recent Developments/Updates

Table 38. Universtar Basic Information, Manufacturing Base and Competitors

Table 39. Universtar Major Business

 Table 40. Universtar Particulate Matter Monitoring Device Product and Services

Table 41. Universtar Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Universtar Recent Developments/Updates

Table 43. SDL Basic Information, Manufacturing Base and Competitors

Table 44. SDL Major Business

Table 45. SDL Particulate Matter Monitoring Device Product and Services

Table 46. SDL Particulate Matter Monitoring Device Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. SDL Recent Developments/Updates

Table 48. METONE Basic Information, Manufacturing Base and Competitors

Table 49. METONE Major Business

 Table 50. METONE Particulate Matter Monitoring Device Product and Services

Table 51. METONE Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. METONE Recent Developments/Updates

Table 53. Kanomax Basic Information, Manufacturing Base and Competitors

Table 54. Kanomax Major Business

 Table 55. Kanomax Particulate Matter Monitoring Device Product and Services

Table 56. Kanomax Particulate Matter Monitoring Device Sales Quantity (K Units),



Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 57. Kanomax Recent Developments/Updates

Table 58. Horiba Basic Information, Manufacturing Base and Competitors

Table 59. Horiba Major Business

 Table 60. Horiba Particulate Matter Monitoring Device Product and Services

Table 61. Horiba Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Horiba Recent Developments/Updates

Table 63. UniTec Basic Information, Manufacturing Base and Competitors

Table 64. UniTec Major Business

Table 65. UniTec Particulate Matter Monitoring Device Product and Services

Table 66. UniTec Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. UniTec Recent Developments/Updates

Table 68. Enviro Technology Basic Information, Manufacturing Base and Competitors

Table 69. Enviro Technology Major Business

Table 70. Enviro Technology Particulate Matter Monitoring Device Product and Services

Table 71. Enviro Technology Particulate Matter Monitoring Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Enviro Technology Recent Developments/Updates

Table 73. Aeroqual Basic Information, Manufacturing Base and Competitors

Table 74. Aeroqual Major Business

Table 75. Aeroqual Particulate Matter Monitoring Device Product and Services

Table 76. Aeroqual Particulate Matter Monitoring Device Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Aeroqual Recent Developments/Updates

Table 78. Global Particulate Matter Monitoring Device Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 79. Global Particulate Matter Monitoring Device Revenue by Manufacturer (2018-2023) & (USD Million)

Table 80. Global Particulate Matter Monitoring Device Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 81. Market Position of Manufacturers in Particulate Matter Monitoring Device, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022



Table 82. Head Office and Particulate Matter Monitoring Device Production Site of Key Manufacturer

Table 83. Particulate Matter Monitoring Device Market: Company Product TypeFootprint

Table 84. Particulate Matter Monitoring Device Market: Company Product Application Footprint

Table 85. Particulate Matter Monitoring Device New Market Entrants and Barriers to Market Entry

Table 86. Particulate Matter Monitoring Device Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Particulate Matter Monitoring Device Sales Quantity by Region (2018-2023) & (K Units)

Table 88. Global Particulate Matter Monitoring Device Sales Quantity by Region (2024-2029) & (K Units)

Table 89. Global Particulate Matter Monitoring Device Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global Particulate Matter Monitoring Device Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global Particulate Matter Monitoring Device Average Price by Region (2018-2023) & (US\$/Unit)

Table 92. Global Particulate Matter Monitoring Device Average Price by Region (2024-2029) & (US\$/Unit)

Table 93. Global Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 94. Global Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 95. Global Particulate Matter Monitoring Device Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global Particulate Matter Monitoring Device Consumption Value by Type(2024-2029) & (USD Million)

Table 97. Global Particulate Matter Monitoring Device Average Price by Type (2018-2023) & (US\$/Unit)

Table 98. Global Particulate Matter Monitoring Device Average Price by Type (2024-2029) & (US\$/Unit)

Table 99. Global Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 100. Global Particulate Matter Monitoring Device Sales Quantity by Application (2024-2029) & (K Units)

 Table 101. Global Particulate Matter Monitoring Device Consumption Value by



Application (2018-2023) & (USD Million)

Table 102. Global Particulate Matter Monitoring Device Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global Particulate Matter Monitoring Device Average Price by Application (2018-2023) & (US\$/Unit)

Table 104. Global Particulate Matter Monitoring Device Average Price by Application (2024-2029) & (US\$/Unit)

Table 105. North America Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 106. North America Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 107. North America Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 108. North America Particulate Matter Monitoring Device Sales Quantity by Application (2024-2029) & (K Units)

Table 109. North America Particulate Matter Monitoring Device Sales Quantity by Country (2018-2023) & (K Units)

Table 110. North America Particulate Matter Monitoring Device Sales Quantity byCountry (2024-2029) & (K Units)

Table 111. North America Particulate Matter Monitoring Device Consumption Value by Country (2018-2023) & (USD Million)

Table 112. North America Particulate Matter Monitoring Device Consumption Value by Country (2024-2029) & (USD Million)

Table 113. Europe Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 114. Europe Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 115. Europe Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 116. Europe Particulate Matter Monitoring Device Sales Quantity by Application (2024-2029) & (K Units)

Table 117. Europe Particulate Matter Monitoring Device Sales Quantity by Country (2018-2023) & (K Units)

Table 118. Europe Particulate Matter Monitoring Device Sales Quantity by Country (2024-2029) & (K Units)

Table 119. Europe Particulate Matter Monitoring Device Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe Particulate Matter Monitoring Device Consumption Value by Country (2024-2029) & (USD Million)



Table 121. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 122. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 123. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 124. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Application (2024-2029) & (K Units)

Table 125. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Region (2018-2023) & (K Units)

Table 126. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity by Region (2024-2029) & (K Units)

Table 127. Asia-Pacific Particulate Matter Monitoring Device Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific Particulate Matter Monitoring Device Consumption Value by Region (2024-2029) & (USD Million)

Table 129. South America Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 130. South America Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 131. South America Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 132. South America Particulate Matter Monitoring Device Sales Quantity by Application (2024-2029) & (K Units)

Table 133. South America Particulate Matter Monitoring Device Sales Quantity by Country (2018-2023) & (K Units)

Table 134. South America Particulate Matter Monitoring Device Sales Quantity by Country (2024-2029) & (K Units)

Table 135. South America Particulate Matter Monitoring Device Consumption Value by Country (2018-2023) & (USD Million)

Table 136. South America Particulate Matter Monitoring Device Consumption Value by Country (2024-2029) & (USD Million)

Table 137. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Type (2018-2023) & (K Units)

Table 138. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Type (2024-2029) & (K Units)

Table 139. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Application (2018-2023) & (K Units)

Table 140. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by



Application (2024-2029) & (K Units)

Table 141. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Region (2018-2023) & (K Units)

Table 142. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity by Region (2024-2029) & (K Units)

Table 143. Middle East & Africa Particulate Matter Monitoring Device Consumption Value by Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa Particulate Matter Monitoring Device Consumption Value by Region (2024-2029) & (USD Million)

 Table 145. Particulate Matter Monitoring Device Raw Material

Table 146. Key Manufacturers of Particulate Matter Monitoring Device Raw Materials

Table 147. Particulate Matter Monitoring Device Typical Distributors

 Table 148. Particulate Matter Monitoring Device Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Particulate Matter Monitoring Device Picture

Figure 2. Global Particulate Matter Monitoring Device Consumption Value by Type,

(USD Million), 2018 & 2022 & 2029

Figure 3. Global Particulate Matter Monitoring Device Consumption Value Market Share by Type in 2022

Figure 4. Light Scattering Examples

Figure 5. Beta-attenuation Examples

Figure 6. Gravimetric Examples

Figure 7. Opacity Examples

Figure 8. Others Examples

Figure 9. Global Particulate Matter Monitoring Device Consumption Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 10. Global Particulate Matter Monitoring Device Consumption Value Market

Share by Application in 2022

Figure 11. PM1 Examples

Figure 12. PM2.5 Examples

Figure 13. PM4 Examples

Figure 14. PM10 Examples

Figure 15. Global Particulate Matter Monitoring Device Consumption Value, (USD

Million): 2018 & 2022 & 2029

Figure 16. Global Particulate Matter Monitoring Device Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Particulate Matter Monitoring Device Sales Quantity (2018-2029) & (K Units)

Figure 18. Global Particulate Matter Monitoring Device Average Price (2018-2029) & (US\$/Unit)

Figure 19. Global Particulate Matter Monitoring Device Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Particulate Matter Monitoring Device Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Particulate Matter Monitoring Device by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Particulate Matter Monitoring Device Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Particulate Matter Monitoring Device Manufacturer (Consumption



Value) Market Share in 2022

Figure 24. Global Particulate Matter Monitoring Device Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Particulate Matter Monitoring Device Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Particulate Matter Monitoring Device Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Particulate Matter Monitoring Device Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Particulate Matter Monitoring Device Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Particulate Matter Monitoring Device Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Particulate Matter Monitoring Device Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Particulate Matter Monitoring Device Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Particulate Matter Monitoring Device Average Price by Type (2018-2029) & (US\$/Unit)

Figure 34. Global Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Particulate Matter Monitoring Device Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Particulate Matter Monitoring Device Average Price by Application (2018-2029) & (US\$/Unit)

Figure 37. North America Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Particulate Matter Monitoring Device Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Particulate Matter Monitoring Device Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 43. Mexico Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Particulate Matter Monitoring Device Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Particulate Matter Monitoring Device Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Particulate Matter Monitoring Device Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Particulate Matter Monitoring Device Consumption Value Market Share by Region (2018-2029)

Figure 57. China Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Particulate Matter Monitoring Device Consumption Value and



Growth Rate (2018-2029) & (USD Million)

Figure 63. South America Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 64. South America Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Particulate Matter Monitoring Device Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Particulate Matter Monitoring Device Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Particulate Matter Monitoring Device Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Particulate Matter Monitoring Device Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Particulate Matter Monitoring Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Particulate Matter Monitoring Device Market Drivers

Figure 78. Particulate Matter Monitoring Device Market Restraints

Figure 79. Particulate Matter Monitoring Device Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Particulate Matter Monitoring Device in 2022

Figure 82. Manufacturing Process Analysis of Particulate Matter Monitoring Device

Figure 83. Particulate Matter Monitoring Device Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons



Figure 86. Indirect Channel Pros & Cons Figure 87. Methodology Figure 88. Research Process and Data Source



#### I would like to order

Product name: Global Particulate Matter Monitoring Device Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029 Product link: https://marketpublishers.com/r/G4A39D357668EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G4A39D357668EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Particulate Matter Monitoring Device Market 2023 by Manufacturers, Regions, Type and Application, Forec...