

Global PM2.5 Monitors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global PM2.5 Monitors market size was valued at US\$ 919 million in 2024 and is forecast to a readjusted size of USD 1470 million by 2031 with a CAGR of 7.0% during review period.

PM2.5 Monitor is a kind of equipment, which can monitor and measure the concentration of PM2.5 particles in the air.

PM2.5 is the abbreviation for fine Particulate Matter with a diameter smaller than 2.5 microns. (By comparison, human hair diameters range from 40 to 120 microns.) PM2.5 is produced by combustion, including vehicle exhaust, and by chemical reactions between gases such as sulfur dioxide, nitrogen oxides, and volatile organic compounds.

Global PM2.5 monitors main players are Thermo Fisher, 3M, PerkinElmer, FPI, Kanomax, Horiba, etc. Global top 1 manufacturer hold a share over 40%. North America is the largest market, with a share about 36%. In terms of product, beta attenuation monitor is the largest segment, with a share over 54%. And in terms of application, the largest application is outdoor monitoring, followed by indoor monitoring.

This report is a detailed and comprehensive analysis for global PM2.5 Monitors 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 2025, are provided.

Key Features:

Global PM2.5 Monitors market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global PM2.5 Monitors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global PM2.5 Monitors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K USD/Unit), 2020-2031

Global PM2.5 Monitors market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K USD/Unit), 2020-2025

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 PM2.5 Monitors

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 PM2.5 Monitors market based on the following parameters - company overview, sales quantity, revenue, 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, FPI, Hebei Sailhero, Teledyne API, Universtar, SDL, METONE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

PM2.5 Monitors market is split by Type and by Application. For the period 2020-2031, 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

TEOM Monitor

Beta Attenuation Monitor

Others

Market segment by Application

Outdoor Monitoring

Indoor Monitoring

Major players covered

Thermo Fisher

3M

PerkinElmer

TSI

FPI

Hebei Sailhero

Teledyne API

Universtar

SDL

METONE

Kanomax

Horiba

UniTec

Enviro Technology

Aeroqual

Grimm (Durag)

Ecotech

ENVEA (Env??ironnement)

COMDE Derenda

TOADKK

Pallas

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 PM2.5 Monitors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PM2.5 Monitors, with price, sales quantity, revenue, and global market share of PM2.5 Monitors from 2020 to 2025.

Chapter 3, the PM2.5 Monitors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PM2.5 Monitors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and PM2.5 Monitors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of PM2.5 Monitors.

Chapter 14 and 15, to describe PM2.5 Monitors sales channel, distributors, customers, research findings and conclusion.

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