

# Global Aerosol Sensors Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G7D22FEB6ECCEN.html>

Date: December 2025

Pages: 140

Price: US\$ 4,480.00 (Single User License)

ID: G7D22FEB6ECCEN

## Abstracts

The global Aerosol Sensors market size is expected to reach \$ million by 2032, rising at a market growth of %CAGR during the forecast period (2026-2032).

In 2024, global Aerosol Sensors production reached approximately 2 million units, with an average global market price of around US\$ 1000 per unit. Monthly production capacity is 2500 per line. Gross Profit Margin: 39%. Component makers supply laser diodes, photodiodes, optical chambers, pumps, MEMS parts, and signal-processing chips. Sensor manufacturers integrate these into complete aerosol modules or monitors. System integrators embed the sensors into air purifiers, HVAC controls, industrial safety systems, and environmental stations. Distributors and OEM partners deliver the products to end users such as factories, laboratories, cleanrooms, regulators, and consumer device brands. Aerosol sensors have transitioned from specialized scientific tools into one of the pivotal building blocks of today's environmental intelligence ecosystem. Their evolution reflects global shifts: urbanization, climate-linked wildfire smoke, increasing attention to indoor air quality, and industries adopting predictive maintenance for filtration systems.

This report studies the global Aerosol Sensors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Aerosol Sensors and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Aerosol Sensors that contribute to its increasing demand across many markets.

### Highlights and key features of the study

Global Aerosol Sensors total production and demand, 2021-2032, (K Units)

Global Aerosol Sensors total production value, 2021-2032, (USD Million)

Global Aerosol Sensors production by region & country, production, value, CAGR,

2021-2032, (USD Million) & (K Units), (based on production site)

Global Aerosol Sensors consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Aerosol Sensors domestic production, consumption, key domestic manufacturers and share

Global Aerosol Sensors production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Aerosol Sensors production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Aerosol Sensors production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Aerosol Sensors 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, Thermo Fisher Scientific, Honeywell, Sensirion, Met One Instruments, Aeroqual, Kanomax, Horiba, Casella, Palas, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Aerosol Sensors market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Aerosol Sensors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Aerosol Sensors Market, Segmentation by Type:

Optical Particle Counters (OPC)

Light Scattering Dust Sensors

Beta Attenuation Sensors

Others

#### Global Aerosol Sensors Market, Segmentation by Form Factor:

Compact Modules

Handheld Meters

Benchtop Monitors

#### Global Aerosol Sensors Market, Segmentation by Application:

Environmental Air Quality Monitoring

Consumer Devices

Laboratory Research

Others

#### **Companies Profiled:**

TSI

Thermo Fisher Scientific

Honeywell

Sensirion

Met One Instruments

Aeroqual

Kanomax

Horiba

Casella

Palas

AeroTrak

Lighthouse Worldwide Solutions

Particle Measuring Systems (PMS)

CEM

Cubic Sensor & Instrument

Sharp (dust sensor modules)

Plantower

**Key Questions Answered:**

1. How big is the global Aerosol Sensors market?
2. What is the demand of the global Aerosol Sensors market?
3. What is the year over year growth of the global Aerosol Sensors market?

4. What is the production and production value of the global Aerosol Sensors market?
5. Who are the key producers in the global Aerosol Sensors market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Aerosol Sensors Introduction
- 1.2 World Aerosol Sensors Supply & Forecast
  - 1.2.1 World Aerosol Sensors Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Aerosol Sensors Production (2021-2032)
  - 1.2.3 World Aerosol Sensors Pricing Trends (2021-2032)
- 1.3 World Aerosol Sensors Production by Region (Based on Production Site)
  - 1.3.1 World Aerosol Sensors Production Value by Region (2021-2032)
  - 1.3.2 World Aerosol Sensors Production by Region (2021-2032)
  - 1.3.3 World Aerosol Sensors Average Price by Region (2021-2032)
  - 1.3.4 North America Aerosol Sensors Production (2021-2032)
  - 1.3.5 Europe Aerosol Sensors Production (2021-2032)
  - 1.3.6 China Aerosol Sensors Production (2021-2032)
  - 1.3.7 Japan Aerosol Sensors Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Aerosol Sensors Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Aerosol Sensors Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Aerosol Sensors Demand (2021-2032)
- 2.2 World Aerosol Sensors Consumption by Region
  - 2.2.1 World Aerosol Sensors Consumption by Region (2021-2026)
  - 2.2.2 World Aerosol Sensors Consumption Forecast by Region (2027-2032)
- 2.3 United States Aerosol Sensors Consumption (2021-2032)
- 2.4 China Aerosol Sensors Consumption (2021-2032)
- 2.5 Europe Aerosol Sensors Consumption (2021-2032)
- 2.6 Japan Aerosol Sensors Consumption (2021-2032)
- 2.7 South Korea Aerosol Sensors Consumption (2021-2032)
- 2.8 ASEAN Aerosol Sensors Consumption (2021-2032)
- 2.9 India Aerosol Sensors Consumption (2021-2032)

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Aerosol Sensors Production Value by Manufacturer (2021-2026)

- 3.2 World Aerosol Sensors Production by Manufacturer (2021-2026)
- 3.3 World Aerosol Sensors Average Price by Manufacturer (2021-2026)
- 3.4 Aerosol Sensors Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Aerosol Sensors Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Aerosol Sensors in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Aerosol Sensors in 2025
- 3.6 Aerosol Sensors Market: Overall Company Footprint Analysis
  - 3.6.1 Aerosol Sensors Market: Region Footprint
  - 3.6.2 Aerosol Sensors Market: Company Product Type Footprint
  - 3.6.3 Aerosol Sensors Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Aerosol Sensors Production Value Comparison
  - 4.1.1 United States VS China: Aerosol Sensors Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Aerosol Sensors Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Aerosol Sensors Production Comparison
  - 4.2.1 United States VS China: Aerosol Sensors Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Aerosol Sensors Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Aerosol Sensors Consumption Comparison
  - 4.3.1 United States VS China: Aerosol Sensors Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Aerosol Sensors Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Aerosol Sensors Manufacturers and Market Share, 2021-2026
  - 4.4.1 United States Based Aerosol Sensors Manufacturers, Headquarters and Production Site (States, Country)
  - 4.4.2 United States Based Manufacturers Aerosol Sensors Production Value

(2021-2026)

4.4.3 United States Based Manufacturers Aerosol Sensors Production (2021-2026)

4.5 China Based Aerosol Sensors Manufacturers and Market Share

4.5.1 China Based Aerosol Sensors Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Aerosol Sensors Production Value (2021-2026)

4.5.3 China Based Manufacturers Aerosol Sensors Production (2021-2026)

4.6 Rest of World Based Aerosol Sensors Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Aerosol Sensors Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Aerosol Sensors Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Aerosol Sensors Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Aerosol Sensors Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Optical Particle Counters (OPC)

5.2.2 Light Scattering Dust Sensors

5.2.3 Beta Attenuation Sensors

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Aerosol Sensors Production by Type (2021-2032)

5.3.2 World Aerosol Sensors Production Value by Type (2021-2032)

5.3.3 World Aerosol Sensors Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY FORM FACTOR**

6.1 World Aerosol Sensors Market Size Overview by Form Factor: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Form Factor

6.2.1 Compact Modules

6.2.2 Handheld Meters

6.2.3 Benchtop Monitors

6.3 Market Segment by Form Factor

6.3.1 World Aerosol Sensors Production by Form Factor (2021-2032)

6.3.2 World Aerosol Sensors Production Value by Form Factor (2021-2032)

6.3.3 World Aerosol Sensors Average Price by Form Factor (2021-2032)

## **7 MARKET ANALYSIS BY APPLICATION**

7.1 World Aerosol Sensors Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Environmental Air Quality Monitoring

7.2.2 Consumer Devices

7.2.3 Laboratory Research

7.2.4 Others

7.3 Market Segment by Application

7.3.1 World Aerosol Sensors Production by Application (2021-2032)

7.3.2 World Aerosol Sensors Production Value by Application (2021-2032)

7.3.3 World Aerosol Sensors Average Price by Application (2021-2032)

## **8 COMPANY PROFILES**

8.1 TSI

8.1.1 TSI Details

8.1.2 TSI Major Business

8.1.3 TSI Aerosol Sensors Product and Services

8.1.4 TSI Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.1.5 TSI Recent Developments/Updates

8.1.6 TSI Competitive Strengths & Weaknesses

8.2 Thermo Fisher Scientific

8.2.1 Thermo Fisher Scientific Details

8.2.2 Thermo Fisher Scientific Major Business

8.2.3 Thermo Fisher Scientific Aerosol Sensors Product and Services

8.2.4 Thermo Fisher Scientific Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.2.5 Thermo Fisher Scientific Recent Developments/Updates

8.2.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses

8.3 Honeywell

8.3.1 Honeywell Details

8.3.2 Honeywell Major Business

8.3.3 Honeywell Aerosol Sensors Product and Services

8.3.4 Honeywell Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 8.3.5 Honeywell Recent Developments/Updates
- 8.3.6 Honeywell Competitive Strengths & Weaknesses
- 8.4 Sensirion
  - 8.4.1 Sensirion Details
  - 8.4.2 Sensirion Major Business
  - 8.4.3 Sensirion Aerosol Sensors Product and Services
  - 8.4.4 Sensirion Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 8.4.5 Sensirion Recent Developments/Updates
  - 8.4.6 Sensirion Competitive Strengths & Weaknesses
- 8.5 Met One Instruments
  - 8.5.1 Met One Instruments Details
  - 8.5.2 Met One Instruments Major Business
  - 8.5.3 Met One Instruments Aerosol Sensors Product and Services
  - 8.5.4 Met One Instruments Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 8.5.5 Met One Instruments Recent Developments/Updates
  - 8.5.6 Met One Instruments Competitive Strengths & Weaknesses
- 8.6 Aeroqual
  - 8.6.1 Aeroqual Details
  - 8.6.2 Aeroqual Major Business
  - 8.6.3 Aeroqual Aerosol Sensors Product and Services
  - 8.6.4 Aeroqual Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 8.6.5 Aeroqual Recent Developments/Updates
  - 8.6.6 Aeroqual Competitive Strengths & Weaknesses
- 8.7 Kanomax
  - 8.7.1 Kanomax Details
  - 8.7.2 Kanomax Major Business
  - 8.7.3 Kanomax Aerosol Sensors Product and Services
  - 8.7.4 Kanomax Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 8.7.5 Kanomax Recent Developments/Updates
  - 8.7.6 Kanomax Competitive Strengths & Weaknesses
- 8.8 Horiba
  - 8.8.1 Horiba Details
  - 8.8.2 Horiba Major Business
  - 8.8.3 Horiba Aerosol Sensors Product and Services
  - 8.8.4 Horiba Aerosol Sensors Production, Price, Value, Gross Margin and Market

## Share (2021-2026)

8.8.5 Horiba Recent Developments/Updates

8.8.6 Horiba Competitive Strengths & Weaknesses

## 8.9 Casella

8.9.1 Casella Details

8.9.2 Casella Major Business

8.9.3 Casella Aerosol Sensors Product and Services

8.9.4 Casella Aerosol Sensors Production, Price, Value, Gross Margin and Market

## Share (2021-2026)

8.9.5 Casella Recent Developments/Updates

8.9.6 Casella Competitive Strengths & Weaknesses

## 8.10 Palas

8.10.1 Palas Details

8.10.2 Palas Major Business

8.10.3 Palas Aerosol Sensors Product and Services

8.10.4 Palas Aerosol Sensors Production, Price, Value, Gross Margin and Market

## Share (2021-2026)

8.10.5 Palas Recent Developments/Updates

8.10.6 Palas Competitive Strengths & Weaknesses

## 8.11 AeroTrak

8.11.1 AeroTrak Details

8.11.2 AeroTrak Major Business

8.11.3 AeroTrak Aerosol Sensors Product and Services

8.11.4 AeroTrak Aerosol Sensors Production, Price, Value, Gross Margin and Market

## Share (2021-2026)

8.11.5 AeroTrak Recent Developments/Updates

8.11.6 AeroTrak Competitive Strengths & Weaknesses

## 8.12 Lighthouse Worldwide Solutions

8.12.1 Lighthouse Worldwide Solutions Details

8.12.2 Lighthouse Worldwide Solutions Major Business

8.12.3 Lighthouse Worldwide Solutions Aerosol Sensors Product and Services

8.12.4 Lighthouse Worldwide Solutions Aerosol Sensors Production, Price, Value,

## Gross Margin and Market Share (2021-2026)

8.12.5 Lighthouse Worldwide Solutions Recent Developments/Updates

8.12.6 Lighthouse Worldwide Solutions Competitive Strengths & Weaknesses

## 8.13 Particle Measuring Systems (PMS)

8.13.1 Particle Measuring Systems (PMS) Details

8.13.2 Particle Measuring Systems (PMS) Major Business

8.13.3 Particle Measuring Systems (PMS) Aerosol Sensors Product and Services

8.13.4 Particle Measuring Systems (PMS) Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.13.5 Particle Measuring Systems (PMS) Recent Developments/Updates

8.13.6 Particle Measuring Systems (PMS) Competitive Strengths & Weaknesses

8.14 CEM

8.14.1 CEM Details

8.14.2 CEM Major Business

8.14.3 CEM Aerosol Sensors Product and Services

8.14.4 CEM Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.14.5 CEM Recent Developments/Updates

8.14.6 CEM Competitive Strengths & Weaknesses

8.15 Cubic Sensor & Instrument

8.15.1 Cubic Sensor & Instrument Details

8.15.2 Cubic Sensor & Instrument Major Business

8.15.3 Cubic Sensor & Instrument Aerosol Sensors Product and Services

8.15.4 Cubic Sensor & Instrument Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.15.5 Cubic Sensor & Instrument Recent Developments/Updates

8.15.6 Cubic Sensor & Instrument Competitive Strengths & Weaknesses

8.16 Sharp (dust sensor modules)

8.16.1 Sharp (dust sensor modules) Details

8.16.2 Sharp (dust sensor modules) Major Business

8.16.3 Sharp (dust sensor modules) Aerosol Sensors Product and Services

8.16.4 Sharp (dust sensor modules) Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.16.5 Sharp (dust sensor modules) Recent Developments/Updates

8.16.6 Sharp (dust sensor modules) Competitive Strengths & Weaknesses

8.17 Plantower

8.17.1 Plantower Details

8.17.2 Plantower Major Business

8.17.3 Plantower Aerosol Sensors Product and Services

8.17.4 Plantower Aerosol Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.17.5 Plantower Recent Developments/Updates

8.17.6 Plantower Competitive Strengths & Weaknesses

## **9 INDUSTRY CHAIN ANALYSIS**

- 9.1 Aerosol Sensors Industry Chain
- 9.2 Aerosol Sensors Upstream Analysis
  - 9.2.1 Aerosol Sensors Core Raw Materials
  - 9.2.2 Main Manufacturers of Aerosol Sensors Core Raw Materials
- 9.3 Midstream Analysis
- 9.4 Downstream Analysis
- 9.5 Aerosol Sensors Production Mode
- 9.6 Aerosol Sensors Procurement Model
- 9.7 Aerosol Sensors Industry Sales Model and Sales Channels
  - 9.7.1 Aerosol Sensors Sales Model
  - 9.7.2 Aerosol Sensors Typical Distributors

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

- 11.1 Methodology
- 11.2 Research Process and Data Source
- 11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World Aerosol Sensors Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Aerosol Sensors Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Aerosol Sensors Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Aerosol Sensors Production Value Market Share by Region (2021-2026)
- Table 5. World Aerosol Sensors Production Value Market Share by Region (2027-2032)
- Table 6. World Aerosol Sensors Production by Region (2021-2026) & (K Units)
- Table 7. World Aerosol Sensors Production by Region (2027-2032) & (K Units)
- Table 8. World Aerosol Sensors Production Market Share by Region (2021-2026)
- Table 9. World Aerosol Sensors Production Market Share by Region (2027-2032)
- Table 10. World Aerosol Sensors Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Aerosol Sensors Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Aerosol Sensors Major Market Trends
- Table 13. World Aerosol Sensors Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Aerosol Sensors Consumption by Region (2021-2026) & (K Units)
- Table 15. World Aerosol Sensors Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Aerosol Sensors Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Aerosol Sensors Producers in 2025
- Table 18. World Aerosol Sensors Production by Manufacturer (2021-2026) & (K Units)
- Table 19. Production Market Share of Key Aerosol Sensors Producers in 2025
- Table 20. World Aerosol Sensors Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 21. Global Aerosol Sensors Company Evaluation Quadrant
- Table 22. World Aerosol Sensors Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and Aerosol Sensors Production Site of Key Manufacturer
- Table 24. Aerosol Sensors Market: Company Product Type Footprint
- Table 25. Aerosol Sensors Market: Company Product Application Footprint
- Table 26. Aerosol Sensors Competitive Factors
- Table 27. Aerosol Sensors New Entrant and Capacity Expansion Plans

Table 28. Aerosol Sensors Mergers & Acquisitions Activity

Table 29. United States VS China Aerosol Sensors Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Aerosol Sensors Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Aerosol Sensors Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Aerosol Sensors Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Aerosol Sensors Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Aerosol Sensors Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Aerosol Sensors Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Aerosol Sensors Production Market Share (2021-2026)

Table 37. China Based Aerosol Sensors Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Aerosol Sensors Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Aerosol Sensors Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Aerosol Sensors Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Aerosol Sensors Production Market Share (2021-2026)

Table 42. Rest of World Based Aerosol Sensors Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Aerosol Sensors Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Aerosol Sensors Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Aerosol Sensors Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Aerosol Sensors Production Market Share (2021-2026)

Table 47. World Aerosol Sensors Production Value by Type, (USD Million), 2021 & 2025 & 2032

- Table 48. World Aerosol Sensors Production by Type (2021-2026) & (K Units)
- Table 49. World Aerosol Sensors Production by Type (2027-2032) & (K Units)
- Table 50. World Aerosol Sensors Production Value by Type (2021-2026) & (USD Million)
- Table 51. World Aerosol Sensors Production Value by Type (2027-2032) & (USD Million)
- Table 52. World Aerosol Sensors Average Price by Type (2021-2026) & (US\$/Unit)
- Table 53. World Aerosol Sensors Average Price by Type (2027-2032) & (US\$/Unit)
- Table 54. World Aerosol Sensors Production Value by Form Factor, (USD Million), 2021 & 2025 & 2032
- Table 55. World Aerosol Sensors Production by Form Factor (2021-2026) & (K Units)
- Table 56. World Aerosol Sensors Production by Form Factor (2027-2032) & (K Units)
- Table 57. World Aerosol Sensors Production Value by Form Factor (2021-2026) & (USD Million)
- Table 58. World Aerosol Sensors Production Value by Form Factor (2027-2032) & (USD Million)
- Table 59. World Aerosol Sensors Average Price by Form Factor (2021-2026) & (US\$/Unit)
- Table 60. World Aerosol Sensors Average Price by Form Factor (2027-2032) & (US\$/Unit)
- Table 61. World Aerosol Sensors Production Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 62. World Aerosol Sensors Production by Application (2021-2026) & (K Units)
- Table 63. World Aerosol Sensors Production by Application (2027-2032) & (K Units)
- Table 64. World Aerosol Sensors Production Value by Application (2021-2026) & (USD Million)
- Table 65. World Aerosol Sensors Production Value by Application (2027-2032) & (USD Million)
- Table 66. World Aerosol Sensors Average Price by Application (2021-2026) & (US\$/Unit)
- Table 67. World Aerosol Sensors Average Price by Application (2027-2032) & (US\$/Unit)
- Table 68. TSI Basic Information, Manufacturing Base and Competitors
- Table 69. TSI Major Business
- Table 70. TSI Aerosol Sensors Product and Services
- Table 71. TSI Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 72. TSI Recent Developments/Updates
- Table 73. TSI Competitive Strengths & Weaknesses

Table 74. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors

Table 75. Thermo Fisher Scientific Major Business

Table 76. Thermo Fisher Scientific Aerosol Sensors Product and Services

Table 77. Thermo Fisher Scientific Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Thermo Fisher Scientific Recent Developments/Updates

Table 79. Thermo Fisher Scientific Competitive Strengths & Weaknesses

Table 80. Honeywell Basic Information, Manufacturing Base and Competitors

Table 81. Honeywell Major Business

Table 82. Honeywell Aerosol Sensors Product and Services

Table 83. Honeywell Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Honeywell Recent Developments/Updates

Table 85. Honeywell Competitive Strengths & Weaknesses

Table 86. Sensirion Basic Information, Manufacturing Base and Competitors

Table 87. Sensirion Major Business

Table 88. Sensirion Aerosol Sensors Product and Services

Table 89. Sensirion Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. Sensirion Recent Developments/Updates

Table 91. Sensirion Competitive Strengths & Weaknesses

Table 92. Met One Instruments Basic Information, Manufacturing Base and Competitors

Table 93. Met One Instruments Major Business

Table 94. Met One Instruments Aerosol Sensors Product and Services

Table 95. Met One Instruments Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Met One Instruments Recent Developments/Updates

Table 97. Met One Instruments Competitive Strengths & Weaknesses

Table 98. Aeroqual Basic Information, Manufacturing Base and Competitors

Table 99. Aeroqual Major Business

Table 100. Aeroqual Aerosol Sensors Product and Services

Table 101. Aeroqual Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. Aeroqual Recent Developments/Updates

Table 103. Aeroqual Competitive Strengths & Weaknesses

Table 104. Kanomax Basic Information, Manufacturing Base and Competitors

Table 105. Kanomax Major Business

- Table 106. Kanomax Aerosol Sensors Product and Services
- Table 107. Kanomax Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 108. Kanomax Recent Developments/Updates
- Table 109. Kanomax Competitive Strengths & Weaknesses
- Table 110. Horiba Basic Information, Manufacturing Base and Competitors
- Table 111. Horiba Major Business
- Table 112. Horiba Aerosol Sensors Product and Services
- Table 113. Horiba Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 114. Horiba Recent Developments/Updates
- Table 115. Horiba Competitive Strengths & Weaknesses
- Table 116. Casella Basic Information, Manufacturing Base and Competitors
- Table 117. Casella Major Business
- Table 118. Casella Aerosol Sensors Product and Services
- Table 119. Casella Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 120. Casella Recent Developments/Updates
- Table 121. Casella Competitive Strengths & Weaknesses
- Table 122. Palas Basic Information, Manufacturing Base and Competitors
- Table 123. Palas Major Business
- Table 124. Palas Aerosol Sensors Product and Services
- Table 125. Palas Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 126. Palas Recent Developments/Updates
- Table 127. Palas Competitive Strengths & Weaknesses
- Table 128. AeroTrak Basic Information, Manufacturing Base and Competitors
- Table 129. AeroTrak Major Business
- Table 130. AeroTrak Aerosol Sensors Product and Services
- Table 131. AeroTrak Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 132. AeroTrak Recent Developments/Updates
- Table 133. AeroTrak Competitive Strengths & Weaknesses
- Table 134. Lighthouse Worldwide Solutions Basic Information, Manufacturing Base and Competitors
- Table 135. Lighthouse Worldwide Solutions Major Business
- Table 136. Lighthouse Worldwide Solutions Aerosol Sensors Product and Services
- Table 137. Lighthouse Worldwide Solutions Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 138. Lighthouse Worldwide Solutions Recent Developments/Updates

Table 139. Lighthouse Worldwide Solutions Competitive Strengths & Weaknesses

Table 140. Particle Measuring Systems (PMS) Basic Information, Manufacturing Base and Competitors

Table 141. Particle Measuring Systems (PMS) Major Business

Table 142. Particle Measuring Systems (PMS) Aerosol Sensors Product and Services

Table 143. Particle Measuring Systems (PMS) Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 144. Particle Measuring Systems (PMS) Recent Developments/Updates

Table 145. Particle Measuring Systems (PMS) Competitive Strengths & Weaknesses

Table 146. CEM Basic Information, Manufacturing Base and Competitors

Table 147. CEM Major Business

Table 148. CEM Aerosol Sensors Product and Services

Table 149. CEM Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. CEM Recent Developments/Updates

Table 151. CEM Competitive Strengths & Weaknesses

Table 152. Cubic Sensor & Instrument Basic Information, Manufacturing Base and Competitors

Table 153. Cubic Sensor & Instrument Major Business

Table 154. Cubic Sensor & Instrument Aerosol Sensors Product and Services

Table 155. Cubic Sensor & Instrument Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 156. Cubic Sensor & Instrument Recent Developments/Updates

Table 157. Cubic Sensor & Instrument Competitive Strengths & Weaknesses

Table 158. Sharp (dust sensor modules) Basic Information, Manufacturing Base and Competitors

Table 159. Sharp (dust sensor modules) Major Business

Table 160. Sharp (dust sensor modules) Aerosol Sensors Product and Services

Table 161. Sharp (dust sensor modules) Aerosol Sensors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 162. Sharp (dust sensor modules) Recent Developments/Updates

Table 163. Sharp (dust sensor modules) Competitive Strengths & Weaknesses

Table 164. Plantower Basic Information, Manufacturing Base and Competitors

Table 165. Plantower Major Business

Table 166. Plantower Aerosol Sensors Product and Services

Table 167. Plantower Aerosol Sensors Production (K Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 168. Plantower Recent Developments/Updates

Table 169. Plantower Competitive Strengths & Weaknesses

Table 170. Global Key Players of Aerosol Sensors Upstream (Raw Materials)

Table 171. Global Aerosol Sensors Typical Customers

Table 172. Aerosol Sensors Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Aerosol Sensors Picture

Figure 2. World Aerosol Sensors Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Aerosol Sensors Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Aerosol Sensors Production (2021-2032) & (K Units)

Figure 5. World Aerosol Sensors Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Aerosol Sensors Production Value Market Share by Region (2021-2032)

Figure 7. World Aerosol Sensors Production Market Share by Region (2021-2032)

Figure 8. North America Aerosol Sensors Production (2021-2032) & (K Units)

Figure 9. Europe Aerosol Sensors Production (2021-2032) & (K Units)

Figure 10. China Aerosol Sensors Production (2021-2032) & (K Units)

Figure 11. Japan Aerosol Sensors Production (2021-2032) & (K Units)

Figure 12. Aerosol Sensors Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 15. World Aerosol Sensors Consumption Market Share by Region (2021-2032)

Figure 16. United States Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 17. China Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 18. Europe Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 19. Japan Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 20. South Korea Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 22. India Aerosol Sensors Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Aerosol Sensors by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Aerosol Sensors Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Aerosol Sensors Markets in 2025

Figure 26. United States VS China: Aerosol Sensors Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Aerosol Sensors Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Aerosol Sensors Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Aerosol Sensors Production Market Share 2025

Figure 30. China Based Manufacturers Aerosol Sensors Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Aerosol Sensors Production Market Share 2025

Figure 32. World Aerosol Sensors Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Aerosol Sensors Production Value Market Share by Type in 2025

Figure 34. Optical Particle Counters (OPC)

Figure 35. Light Scattering Dust Sensors

Figure 36. Beta Attenuation Sensors

Figure 37. Others

Figure 38. World Aerosol Sensors Production Market Share by Type (2021-2032)

Figure 39. World Aerosol Sensors Production Value Market Share by Type (2021-2032)

Figure 40. World Aerosol Sensors Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Aerosol Sensors Production Value by Form Factor, (USD Million), 2021 & 2025 & 2032

Figure 42. World Aerosol Sensors Production Value Market Share by Form Factor in 2025

Figure 43. Compact Modules

Figure 44. Handheld Meters

Figure 45. Benchtop Monitors

Figure 46. World Aerosol Sensors Production Market Share by Form Factor (2021-2032)

Figure 47. World Aerosol Sensors Production Value Market Share by Form Factor (2021-2032)

Figure 48. World Aerosol Sensors Average Price by Form Factor (2021-2032) & (US\$/Unit)

Figure 49. World Aerosol Sensors Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 50. World Aerosol Sensors Production Value Market Share by Application in 2025

Figure 51. Environmental Air Quality Monitoring

Figure 52. Consumer Devices

Figure 53. Laboratory Research

Figure 54. Others

Figure 55. World Aerosol Sensors Production Market Share by Application (2021-2032)

Figure 56. World Aerosol Sensors Production Value Market Share by Application

(2021-2032)

Figure 57. World Aerosol Sensors Average Price by Application (2021-2032) & (US\$/Unit)

Figure 58. Aerosol Sensors Industry Chain

Figure 59. Aerosol Sensors Procurement Model

Figure 60. Aerosol Sensors Sales Model

Figure 61. Aerosol Sensors Sales Channels, Direct Sales, and Distribution

Figure 62. Methodology

Figure 63. Research Process and Data Source

## I would like to order

Product name: Global Aerosol Sensors Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G7D22FEB6ECCEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7D22FEB6ECCEN.html>