

Environment Gas Sensor Market: Trends, Opportunities and Competitive Analysis [2023-2028]

<https://marketpublishers.com/r/E0ADCC127F02EN.html>

Date: August 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: E0ADCC127F02EN

Abstracts

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Environment Gas Sensor Market Trends and Forecast

The future of the environment gas sensor market looks promising with opportunities in the automotive, air purifier, smart device, smart home, smart city, and wearable applications. The global environment gas sensor market is expected to reach an estimated \$213.7 million by 2028 with a CAGR of 25% from 2023 to 2028. The major drivers for this market are increasing number of diseases caused by harmful air and growing concern towards environment degradation caused by population growth, industrial pollution, vehicle exhaust, and household waste across the globe.

Environment Gas Sensor Market

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown here.

Environment Gas Sensor Market by Segments

Environment Gas Sensor Market by Segment

The study includes trends and forecast for the global environment gas sensor market by product type, application, and region, as follows:

Environment Gas Sensor Market by Product Type [Shipment Analysis by Value from 2017 to 2028]:

Pellistor Gas Sensor

Infrared (IR) Gas Sensor

Metal Oxide Semiconductor (MOS) Gas Sensor

Electrochemical (EC) Gas Sensor

Optical Particle Monitor (OPM) Gas Sensor

Photoionization Detectors (PID) Gas Sensor

Field Asymmetric Ion Mobility Spectrometry (FAIMS) Gas Sensor

Quartz Crystal Microbalance (QCM) Gas Sensor

Miniaturised Gas Chromatography (GC)

Environment Gas Sensor Market by Application [Shipment Analysis by Value from 2017 to 2028]:

Automotive

Air Purifier

Smart Devices

Smart Home

Smart City

Wearables

Environment Gas Sensor Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Environment Gas Sensor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies environment gas sensor companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the environment gas sensor companies profiled in this report include.

Robert Bosch

Siemens

GfG Gas Detection

ABB

AlphaSense

Environment Gas Sensor Market Insights

Lucintel forecast that metal oxide semiconductor (MOS) is expected to witness highest growth over the forecast period due to the increasing application of these sensors for NO and NO₂ gas detection at both industrial as well as laboratory settings.

Automotive is expected to witness highest growth over the forecast period due to the increasing penetration of these sensors to automate air flow into driver's compartment and track emissions as per the environmental standards.

APAC is expected to witness highest growth over the forecast period due to rapid urbanization, increasing number of smart cities projects, and growing adoption of smart sensor based devices in the region.

Features of the Environment Gas Sensor Market

Market Size Estimates: Environment gas sensor market size estimation in terms of value (\$M)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Environment gas sensor market size by various segments, such as by product type, application, and region

Regional Analysis: Environment gas sensor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different by product type, application, and regions for the environment gas sensor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the environment gas sensor market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the environment gas sensor market size?

Answer: The global environment gas sensor market is expected to reach an estimated \$213.7 million by 2028.

Q2. What is the growth forecast for environment gas sensor market?

Answer: The global environment gas sensor market is expected to grow with a CAGR of 25% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the environment gas sensor market?

Answer: The major drivers for this market are increasing number of diseases caused by

harmful air and growing concern towards environment degradation caused by population growth, industrial pollution, vehicle exhaust, and household waste across the globe.

Q4. What are the major segments for environment gas sensor market?

Answer: The future of the environment gas sensor market looks promising with opportunities in the automotive, air purifier, smart devices, smart home, smart city, and wearable applications.

Q5. Who are the key environment gas sensor companies?

Answer: Some of the key environment gas sensor companies are as follows:

Robert Bosch

Siemens

GfG Gas Detection

ABB

AlphaSense

Q6. Which environment gas sensor segment will be the largest in future?

Answer: Lucintel forecast that metal oxide semiconductor (MOS) is expected to witness highest growth over the forecast period due to the increasing application of these sensors for NO and NO₂ gas detection at both industrial as well as laboratory settings.

Q7. In environment gas sensor market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to rapid urbanization, increasing number of smart cities projects, and growing adoption of smart sensor based devices in the region.

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Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the environment gas sensor market by product type (pellistor gas sensors, infrared gas sensors, metal oxide semiconductor gas sensors, electrochemical gas sensors, optical particle monitor gas sensors, photoionization detector gas sensors, field asymmetric ion mobility spectrometry gas sensors, quartz crystal microbalance gas sensors, and miniaturised gas chromatography), application (automotive, air purifiers, smart devices, smart homes, smart cities, and wearables), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to environment gas sensormarket or related to environment

gas sensor companies, environment gas sensor market size, environment gas sensor market share, environment gas sensor analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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