

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

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## Abstracts

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### Medical Gas Sensor Market Trends and Forecast

The future of the medical gas sensor market looks promising with opportunities in the surgery, dental practice, cosmetic surgery, and medical laboratory applications. The global medical gas sensor market is expected to reach an estimated \$277.9 million by 2028 with a CAGR of 29% from 2023 to 2028. The major drivers for this market are growing demand of various types of oxygen and carbon dioxide gas sensors by medical professionals and healthcare professionals for respiration monitoring and significant use of oxygen sensors in ICU wards to alert clinicians about how much oxygen is being given to the patient during ventilation.

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### Medical Gas Sensor Market by Segment

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

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

MEMS Gas Sensors

## Infrared Gas Sensors

Others

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

Surgeries

Dental Practices

Cosmetic Surgeries

Medical Laboratories

Others

Medical 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 Medical 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, medical gas sensor companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the medical gas

sensor companies profiled in this report include-

Honeywell

International Gas Detectors

NET

Gems Sensors

Figaro Sensor

WIKA

Rainbow Technology

## Medical Gas Sensor Market Insights

Lucintel forecasts that MEMS is expected to witness higher growth over the forecast period owing to its compact size, light weight, low power consumption, affordability, and capacity to make precise measurements of physical phenomena.

The surgery segment is expected to witness the highest growth over the forecast period due to the considerable usage of medical gas sensors in the PACU, ICU, EMS, pre-hospital rescue, PAP therapy, and HFNC therapy to monitor the gas levels of a variety of equipment, such as ventilators, oxygen concentrators, oxygen generators, and anesthesia machines.

APAC is expected to witness the highest growth over the forecast period due to the significant need for gas sensors in the Indian pharmaceutical production facilities to continuously monitor various gases utilized in the manufacturing process.

## Features of the Medical Gas Sensor Market

Market Size Estimates: Medical 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: Medical gas sensor market size by various segments, such as by product type, application, and region

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

Growth Opportunities: Analysis on growth opportunities in different product types, applications, and regions for the medical gas sensor market.

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

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

## FAQ

Q1. What is the medical gas sensor market size?

Answer: The global medical gas sensor market is expected to reach an estimated \$277.9 million by 2028.

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

Answer: The global medical gas sensor market is expected to grow with a CAGR of 29% from 2023 to 2028.

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

Answer: The major drivers for this market are growing demand of various types of oxygen and carbon dioxide gas sensors by medical professionals and healthcare professionals for respiration monitoring and significant use of oxygen sensors in ICU

wards to alert clinicians about how much oxygen is being given to the patient during ventilation.

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

Answer: The future of the medical gas sensor market looks promising with opportunities in the surgery, dental practice, cosmetic surgery, and medical laboratory applications.

Q5. Who are the key medical gas sensor companies?

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

Honeywell

International Gas Detectors

NET

Gems Sensors

Figaro Sensor

WIKA

Rainbow Technology

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

Answer: Lucintel forecast that MEMS is expected to witness higher growth over the forecast period owing to its compact size, light weight, low power consumption, affordability, and capacity to make precise measurements of physical phenomena.

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

Answer: APAC is expected to witness the highest growth over the forecast period due to the significant need for gas sensors in the Indian pharmaceutical production facilities to continuously monitor various gases utilized in the manufacturing process.

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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 global medical gas sensor market by product type (MEMS gas sensors, infrared gas sensors, and others), application (surgeries, dental practices, cosmetic surgeries, medical laboratories, and others), 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 medical gas sensor market or related to medical gas

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

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