

# Global VOC Gas Sensor Market Growth 2025-2031

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## Abstracts

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The global VOC Gas Sensor market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

A VOC (Volatile Organic Compounds) gas sensor is a type of sensor that can detect and measure the presence of VOCs in the air. VOC gas sensors are commonly used in various applications, including indoor air quality monitoring, environmental monitoring, industrial safety, and gas leak detection.

United States market for VOC Gas Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for VOC Gas Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for VOC Gas Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key VOC Gas Sensor players cover Robert Bosch, Yokogawa Electric Corporation, Siemens, Trolex, ABB, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "VOC Gas Sensor Industry Forecast" looks at past sales and reviews total world VOC Gas Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected VOC Gas Sensor sales for 2025 through 2031. With VOC Gas Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$

millions of the world VOC Gas Sensor industry.

This Insight Report provides a comprehensive analysis of the global VOC Gas Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on VOC Gas Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global VOC Gas Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for VOC Gas Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global VOC Gas Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of VOC Gas Sensor market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Infrared-based Detection

Photo-Ionization Detector (PID)

Other

#### Segmentation by Application:

Food & Beverages

Metals & Mining

Oil & Gas

Agriculture

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Robert Bosch

Yokogawa Electric Corporation

Siemens

Trox

ABB

Bosch Sensortec

OMEGA Engineering

Eco Sensors

PCE Instruments

Renesas Electronics

Ion Science

Sensirion

MICROSENS

SGX Sensortech

RKI Instruments

GfG Europe

Membrapor

Aeroqual

Alphasense

### Key Questions Addressed in this Report

What is the 10-year outlook for the global VOC Gas Sensor market?

What factors are driving VOC Gas Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do VOC Gas Sensor market opportunities vary by end market size?

How does VOC Gas Sensor break out by Type, by Application?

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