

Global Volatile Organic Compound Gas Sensor Market Growth 2025-2031

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Abstracts

The global Volatile Organic Compound Gas Sensor market size is predicted to grow from US\$ 130 million in 2025 to US\$ 150 million in 2031; it is expected to grow at a CAGR of 2.4% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Volatile Organic Compound Gas sensors are used for measuring the concentration of various gases in their vicinity, such as ethene, benzene, methylene chloride, propane, acetone, and ethanol among others.

United States market for Volatile Organic Compound 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 Volatile Organic Compound 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 Volatile Organic Compound 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 Volatile Organic Compound Gas Sensor players cover Alphasense, City Technology, Bosch Sensortec, ABB, Siemens, 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 “Volatile Organic Compound Gas Sensor Industry Forecast” looks at past sales and reviews total world Volatile Organic Compound Gas Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Volatile Organic Compound Gas Sensor sales for 2025 through 2031. With Volatile Organic Compound Gas Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Volatile Organic Compound Gas Sensor industry.

This Insight Report provides a comprehensive analysis of the global Volatile Organic Compound 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 Volatile Organic Compound Gas Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Volatile Organic Compound Gas Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Volatile Organic Compound 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 Volatile Organic Compound Gas Sensor.

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

Segmentation by Type:

Single Gas Detection Sensor

Multiple Gas Detection Sensor

Segmentation by Application:

Oil & Gas

Agriculture

Automotive

Chemical Industry

Food & Beverages

Others

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.

Alphasense

City Technology

Bosch Sensortec

ABB

Siemens

Aeroqual

SGX Sensortech

Integrated Device Technology

EcoSensors

GfG Europe

Key Questions Addressed in this Report

What is the 10-year outlook for the global Volatile Organic Compound Gas Sensor market?

What factors are driving Volatile Organic Compound Gas Sensor market growth, globally and by region?

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

How do Volatile Organic Compound Gas Sensor market opportunities vary by end market size?

How does Volatile Organic Compound Gas Sensor break out by Type, by Application?

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