

# 2018-2023 Global Chemical Sensors Consumption Market Report

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# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Chemical Sensors market for 2018-2023. A chemical sensor is a device that transforms chemical information (composition, presence of a particular element or ion, concentration, chemical activity, partial pressure...) into an analytically useful signal. The chemical information, mentioned above, may originate from a chemical reaction of the analyte or from a physical property of the system investigated. They can have applications in different areas such as medicine, home safety, environmental pollution and many others.

The top manufacturers are ABB, 3M, Emerson Electric, Delphi Automotive, Delphian Corporation, NGK SPARK PLUG, Honeywell, Siemens, Xylem Inc, Thermo Fisher Scientific, Teledyne Technologies Incorporated, Industrial Scientific and GE Measurement & Control. The competition is intense. The market for chemical sensors can be segmented on the basis of technology such as optical, electrochemical, Semiconductor, catalytic bead and others. These sensors are widely used in automotive, medical, industrial and some other industries. North America and Europe are leading regions for this market whereas Asia Pacific and RoW are expected to show significant demand in near future.

A continued rebound in light vehicle production, along with the increasing use of advanced, higher cost universal exhaust gas oxygen (UEGO) sensors to improve vehicle fuel efficiency and performance, will drive advances. Growth will also be supported by healthy increases in medical chemical sensor demand as the continued aging of the baby boomer generation leads to above average growth in the diagnosis of diabetes and other chronic conditions. More broadly, gains across the entire industry will be supported by strong unit volume demand as lower average prices for most



product types, and improved chemical sensor performance due to technology advancements, encourage expanded sensor use and facilitate the development of new applications and markets.

China's chemical sensors industry has developed into a national wide status with certain research and production capacity, industry product mix has gradually improved. The production technology in China is relatively laggard to produce some low-end product and the high-end product is still relying on import.

Although chemical sensors brings a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

Over the next five years, LPI(LP Information) projects that Chemical Sensors will register a 7.6% CAGR in terms of revenue, reach US\$ 35400 million by 2023, from US\$ 22900 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Chemical Sensors market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Electrochemical Sensors

Optical Sensors

Semiconductor Sensors

Pellistor/Catalytic Bead Sensors

Other

Segmentation by product type:

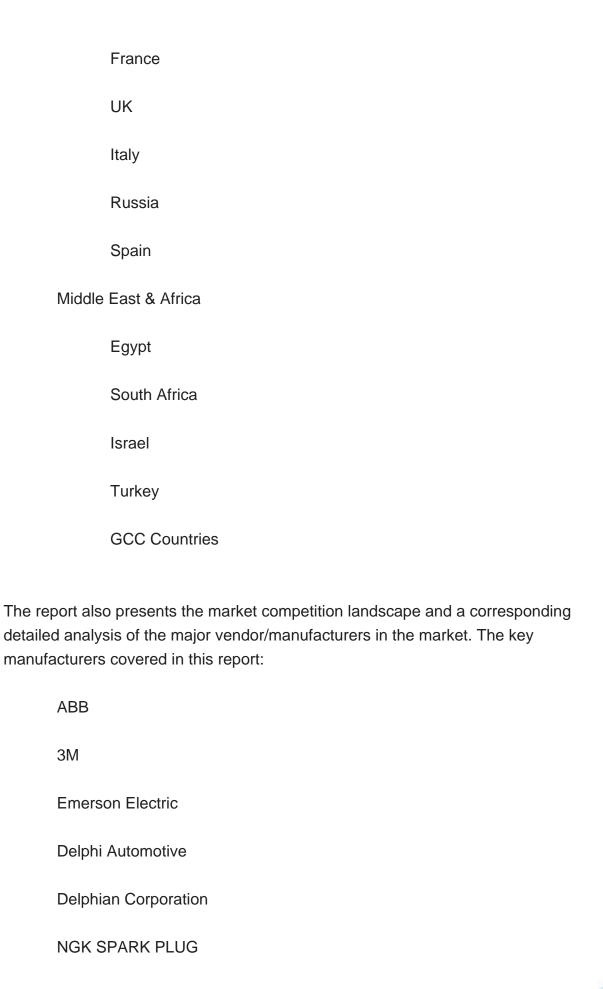
Segmentation by application:

Industrial

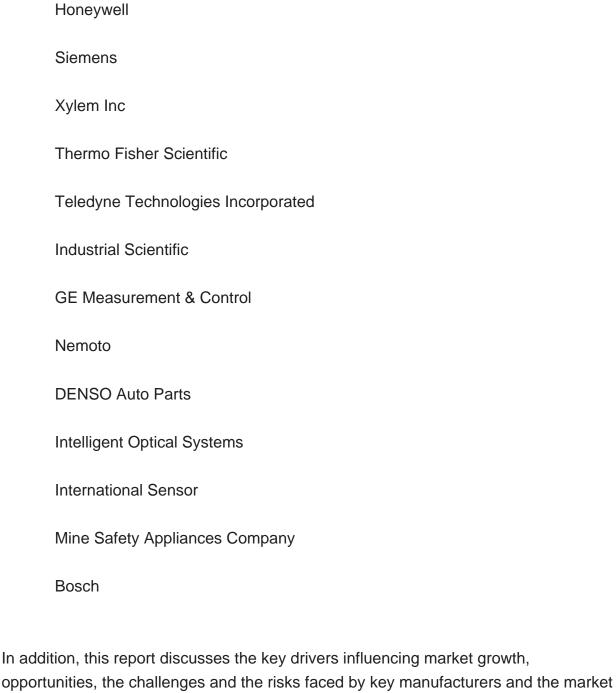


Enviro	onmental Monitoring
Medic	cal
Home	eland Security
Auton	notive
This report of	co calite the market by region:
This report at	so splits the market by region:
Americas	
	United States
	Canada
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	
	Germany









In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## Research objectives

To study and analyze the global Chemical Sensors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Chemical Sensors market by identifying its



various subsegments.

Focuses on the key global Chemical Sensors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Chemical Sensors with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Chemical Sensors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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