

Global Chemical Sensors Sales Market Report 2018

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Abstracts

This report studies the global Chemical Sensors market status and forecast, categorizes the global Chemical Sensors market size (value & volume) by key players, type, application, and region.

This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

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.

The global Chemical Sensors market is valued at 22900 million US\$ in 2017 and will reach 40800 million US\$ by the end of 2025, growing at a CAGR of 7.5% during 2018-2025.

The major players covered in this report

ABB

3M

Emerson Electric

Delphi Automotive

Delphian Corporation

NGK SPARK PLUG

Honeywell

Siemens

Xylem Inc

Thermo Fisher Scientific

Teledyne Technologies Incorporated

Industrial Scientific

GE Measurement & Control

Nemoto

DENSO Auto Parts

Intelligent Optical Systems

International Sensor

Mine Safety Appliances Company

Bosch

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering

United States

Europe

China

Japan

Southeast Asia

India

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Electrochemical Sensors

Optical Sensors

Semiconductor Sensors

Pellistor/Catalytic Bead Sensors

Other

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Industrial

Environmental Monitoring

Medical

Homeland Security

Automotive

The study objectives of this report are:

To analyze and study the global Chemical Sensors sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Chemical Sensors players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

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.

In this study, the years considered to estimate the market size of Chemical Sensors are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders

Chemical Sensors Manufacturers

Chemical Sensors Distributors/Traders/Wholesalers

Chemical Sensors Subcomponent Manufacturers

Industry Association

Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Chemical Sensors market, by end-use.

Detailed analysis and profiles of additional market players.

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