

# **Global Gas Analyzer Market Size study & Forecast, by Product Type (Fixed, Portable), by Technology (Electrochemical, Paramagnetic, Zirconia (ZR), Non-dispersive IR (NDIR), Other Technologies), by End-user Vertical (Oil and Gas, Chemical and Petrochemical, Water and Wastewater, Pharmaceutical, Utility, Food and Beverage, Other End-user Verticals) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Gas Analyzer Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.6% over the forecast period 2022-2029. Gas Analyzer is used for quantitative purposes to find out the concentration of gases and analyze physical parameters such as temperature, pressure, concentration, and flow rate. The Global Gas Analyzer market is expanding because of factors such as technological developments in sensor technologies and innovative analyzers replacing traditional gas analyzers. This market is dominated by ABB Ltd, Honeywell International Inc., Emerson Electric Co., and Servomex (Spectris PLC).

According to a WHO report published in September 2021 on ambient air pollution, which shows that 99% of the world's population lived in areas that did not meet the air quality standards set by WHO. Growing government interest in improving Air Quality Index (AQI) is also driving the adoption of gas analyzers in various industries around the world. The introduction of gas analyzers for preventive measures in the industry. Gas analyzers help extend the life of piping systems by monitoring leaks and effectively detecting the presence of such gases. Additionally, the oil and gas industry is moving to

TDL (Tunable Diode Laser) technology. The high-resolution TDL technology, enables reliable and accurate detection and avoids interferences common in traditional analyzers. The gas analyzer demand is growing due to the significant development that has been made in a few years and still continuing, such as technological innovation is changing the landscape of gas analyzers and instrumentation in the oil and gas sector. Moreover, the increase of oil and gas segment has increased the opportunity for this significant environment. However, the technical issues high cost of global gas analyzer stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Gas Analyzer Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of branded products and the region's increasing environmental issues. Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising target populations, an increase in the number of collaborations for development, geographic expansion of key players, and active participation of government and nonprofit organizations in the market space. In December 2021, Cubic-Ruiyi Instrument releases a new flue gas analyzer at CEM India which is expected to boost the market growth of gas analyzers.

Major market player included in this report are:

Honeywell International Inc.

Emerson Electric Co.

Siemens AG

Gasera Ltd.

Yokogawa Electric Corporation

Enotec GmbH

Cambridge Sensotec Limited

Servomex (Spectris PLC)

ABB Ltd

Teledyne Advanced Pollution Instrumentation (TAPI)

Recent Developments in the Market:

In August 2022 - Emerson Electric co. announces plans to open a Gas Analysis Solutions Center to help plants reach their sustainability goals. As a global hub for the production and distribution of gas detection technology, the 62,000 square foot facility designs and manufactures Emerson Rosemount continuous gas analyzers and gas chromatographs for emissions monitoring, facility safety, and quality control, used to improve operational efficiency. These analyzers help process plants meet increasingly

stringent environmental regulations, ensure process control, reduce waste, and promote sustainability in the hydrogen, biofuels, food and beverage and pharmaceutical sectors. In November 2021 - The GASERA ONE HF Hydrogen Fluoride Gas Analyzer, launched by Gasera, combines ultra-sensitive cantilever-enhanced photoacoustic detection technology with a tunable diode laser source, abbreviated TDLAS, operating on fundamental spectral absorption. It is based on Hydrogen fluoride (HF) line. GASERA ONE HF is used to monitor extremely low concentrations of Hydrogen Fluoride (HF) in the atmosphere, an effective tool to protect people and the environment.

Global Gas Analyzer Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product Type, Technology, End-user Vertical, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Fixed and Portable

By Technology:

Electrochemical

Paramagnetic

Zirconia (ZR)

Non-dispersive IR (NDIR)

Other Technologies

**By End User Vertical:**

Oil and Gas  
Chemical and Petrochemical  
Water and Wastewater  
Pharmaceutical  
Utility  
Food and Beverage  
Other End-user

**By Region:**

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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