

# Gas Analyzer Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global gas analyzer market size reached US\$ 596.2 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 872.4 Million by 2028, exhibiting a growth rate (CAGR) of 6.62% during 2023-2028.

Gas analyzers are measuring instruments which help in determining the quantitative or qualitative composition of gas mixtures. Gas analysis and detection help in improving efficiency and safety and ensuring environmental compliance. They are used to provide essential data in numerous manufacturing, processing and materials research applications in chemicals, oil and gas, and petrochemical industries. They are also employed in environmental monitoring, power generation and water treatment.

An increase in shale gas and tight oil explorations have stimulated the demand for gas analyzers worldwide as they are used to prevent corrosion in natural gas pipeline infrastructure. In addition, government legislation and the enforcement of occupational health and safety regulations have also mandated the use of gas analyzers in various industrial settings. This has further been supported by the rising awareness among individuals regarding the safety hazards of gas leaks and emissions. Apart from this, manufacturers are integrating gas analyzers with smartphones and other wireless devices to provide real-time monitoring, remote-control and backing up data logs. They are also introducing gas analyzers embedded with latest analyzing technologies. For instance, Emerson Electric has launched hybrid analyzers with Quantum Cascade Laser (QCL) and Tunable Diode Laser (TDL) measurement technologies for emission monitoring and gas analysis.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global

gas analyzer market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on application.

Breakup by Application:

- Oil and Gas
- Power
- Chemicals
- Food and Beverages
- Pharmaceuticals
- Others

The oil and gas industry represents the leading application segment for gas analyzers, accounting the majority of the global share. As these analyzers can measure the corrosive mixture of gases and water vapors to carry safe and efficient operations, their demand is escalating in this industry.

Regional Insights:

- Asia Pacific
- North America
- Europe
- Middle East and Africa
- Latin America

Currently, Asia Pacific dominates the global gas analyzer market, holding the largest share. This can be attributed to the growing applications of these analyzers in numerous industries and strict environmental conservation regulations laid by the governments in the region.

On assessing the import and export scenario of the market, the report finds that China is the biggest importer, whereas Germany holds the majority of the export shares.

Competitive Landscape:

The global gas analyzer market is characterized by the presence of numerous small and large manufacturers who compete in terms of prices and quality. Some of the key players operating in the market are:

ABB Group

Emerson Electric  
General Electric  
Figaro Engineering Inc.  
Thermo Fishers Scientific

#### Key Questions Answered in This Report

1. What was the size of the global gas analyzer market in 2022?
2. What is the expected growth rate of the global gas analyzer market during 2023-2028?
3. What are the key factors driving the global gas analyzer market?
4. What has been the impact of COVID-19 on the global gas analyzer market?
5. What is the breakup of the global gas analyzer market based on the application?
6. What are the key regions in the global gas analyzer market?
7. Who are the key players/companies in the global gas analyzer market?

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