

Oil And Gas Measuring Instrumentation Market CAGR to be at 4.1% from 2025-2029 | \$26.91 Billion Industry Revenue by 2029

The Business Research Company's Oil And Gas Measuring Instrumentation Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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Oil And Gas Measuring Instrumentation Global Market Report 2025

What Is The Projected Market Size & Growth Rate Of The [Oil And Gas Measuring Instrumentation Market?](#)

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The market size for measuring instruments in the oil and gas sector has seen steady growth in the past years. It is forecasted to expand from \$21.87 billion in 2024 to \$22.94 billion in 2025, showing a compound annual growth rate (CAGR) of 4.9%. Factors contributing to the historical growth include rising oil and gas demands, increased demand for petroleum products, environmental regulation enforcement, increased exploration and extraction of shale gas, and advancements in age-old oil platforms.

The market for oil and gas measuring instruments is anticipated to experience consistent growth in the coming

years, reaching a value of \$26.92 billion in 2029, with a compound annual growth rate (CAGR) of 4.1%. This projected growth for the forecast period is due to factors such as fast-paced industrialization, increased offshore and deepwater operations, an emphasis on minimizing maintenance costs, a surge in demand for portable gas measurement instruments, and a rise in oil production. Key trends expected during this forecast period include improvements in exploration and production technologies, progress in artificial intelligence (AI) and machine

learning (ML), enhanced drilling technologies, advanced analytics, and the incorporation of wireless and remote monitoring technologies.

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What Is The Crucial Factor Driving The Global Oil And Gas Measuring Instrumentation Market?

The oil and gas measuring instrumentation market is slated for significant growth due to the escalating activities in oil and gas exploration. The procedure of oil and gas exploration involves determining potential drilling and extraction sites through various approaches such as magnetometric and seismic prospecting, among others. The goal is to uncover fresh sources of oil and gas. The indispensability of oil and gas measuring instruments to these exploration activities is due to their ability to provide exact reservoir characteristic data, thereby facilitating effective assessment and tweaking of extraction procedures. For example, in February 2024, World Oil reported that a US firm engaged in the recycling, production, and transportation of crucial petroleum-related products, saw U.S. crude production achieve an all-time high at 12.93 million barrels per day in 2023. This was an 8.8% rise from 2022, largely attributed to finishing a backlog of drilled but unfinished wells (DUCs) in key shale areas. Hence, the uptrend in oil and gas exploration activities are catalyzing the growth of the oil and gas measuring instrumentation market.

Who Are The Emerging Players In The Oil And Gas Measuring Instrumentation Market?

Major players in the Oil And Gas Measuring Instrumentation Global Market Report 2025 include:

- Siemens AG
- General Electric Company
- Honeywell International Inc.
- Danaher Corporation
- ABB Ltd.
- Schlumberger NV
- Emerson Electric Co.
- Sika AG
- Agilent Technologies Inc.
- Ametek Inc.

What Are The Key Trends Shaping The [Oil And Gas Measuring Instrumentation Industry](#)?

Top firms in the oil and gas measuring instrumentation market are experimenting with new, sophisticated devices such as the methane point instrument to broaden their product portfolio. This tool, a self-contained methane monitoring system particularly designed for the oil and gas industry, incorporates IoT sensors for meticulous emission detection and calculation.

Schlumberger NV, an American oilfield services provider, for instance, introduced the methane point instrument in October 2023. This device is distinguished by its exceptional leakage detection sensitivity, size, durability, and 'plug-and-play' feature, complemented with an

integrated solar panel, wind measurement capacities, and methane sensing. The deployability of this tool across any infrastructure comes with a minimal cost. This innovation aids the reporting requirements of the oil and gas methane partnership 2.0 (OGMP) and is consistent with the impending US EPA regulations for methane.

What Segments Are Covered In The Oil And Gas Measuring Instrumentation Market Report?

The oil and gas measuring instrumentation market covered in this report is segmented –

- 1) By Type: Stationary Measuring Instrumentation, Portable Measuring Instrumentation, Other Types
- 2) By Process: Upstream Process, Midstream Process, Downstream Process
- 3) By Application: Oil Industry, Gas Industry, Other Applications

Subsegments:

- 1) By Stationary Measuring Instrumentation: Flow Meters, Pressure Sensors, Level Gauges, Temperature Sensors, Gas Analyzers
- 2) By Portable Measuring Instrumentation: Portable Gas Detectors, Handheld Flow Meters, Portable Pressure Gauges, Portable Temperature Meters
- 3) By Other Types: Density Meters, Vibration Sensors, Ultrasonic Sensors, Environmental Monitoring Instruments

View the full oil and gas measuring instrumentation market report:

<https://www.thebusinessresearchcompany.com/report/oil-and-gas-measuring-instrumentation-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Oil And Gas Measuring Instrumentation Market?

In 2024, North America held the top position in the global oil and gas measuring instrumentation market. Its anticipated growth status is included in this report which also covers other regions such as Asia-Pacific, Western Europe, Eastern Europe, South America, Middle East, and Africa.

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