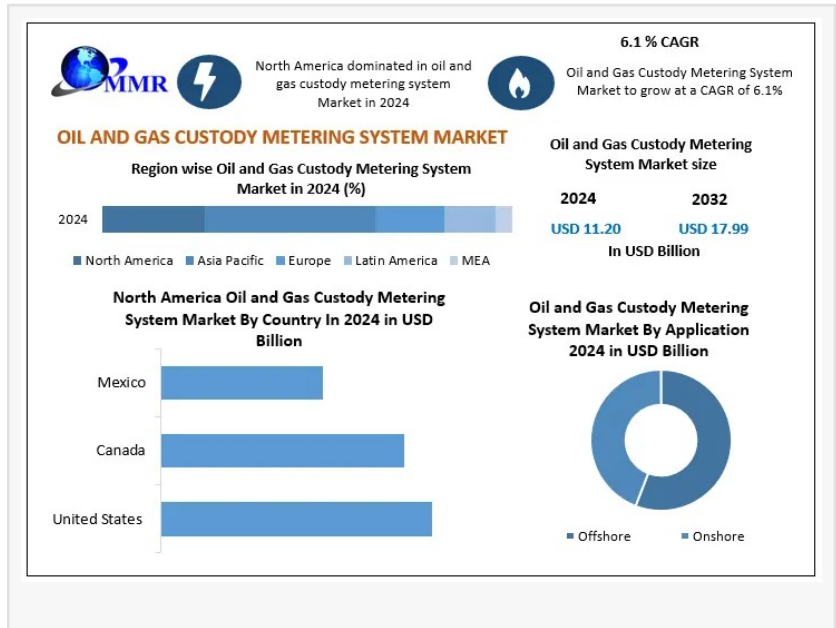


# Global Oil & Gas Custody Metering System Market 2025-2032: CAGR 6.1% Growth, USD 17.99 Billion.

*The industrial activities expand and urbanization accelerates with making the need for accurate and reliable metering solutions more critical.*

WILMINGTON, DE, UNITED STATES, September 26, 2025 / EINPresswire.com/ -- [Oil and Gas Custody Metering System Market](https://www.maximizemarketresearch.com/request-sample/70148/) was valued at USD 11.20 Billion in 2024 and is projected to reach USD 17.99 Billion by 2032, growing at a CAGR of 6.1% during 2025–2032.



Global Oil and Gas Custody Metering System Market: Driving Efficiency with Smart IoT and Advanced Flow Technologies

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Smart IoT integration, real-time monitoring, and multi-fuel adaptability are unlocking growth opportunities in the Oil and Gas Custody Metering System Market.

”

*Dharti Raut*

Global Oil and Gas Custody Metering System Market is witnessing transformative growth, driven by smart IoT-enabled flow meters, Coriolis and ultrasonic custody metering technologies, and stringent regulatory compliance. Innovations from key players like Emerson, Siemens, and Endress+Hauser are enhancing custody transfer accuracy, operational efficiency, real-time monitoring, modular metering systems, and multi-fuel adaptability, presenting significant opportunities across upstream, midstream, and downstream oil and gas infrastructure.

For more information, contact: [sales@maximizemarketresearch.com](mailto:sales@maximizemarketresearch.com)

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Key Drivers of the Global Oil and Gas Custody Metering System Market:  
Operational Efficiency & Smart Solutions

Global Oil and Gas Custody Metering System Market is accelerating due to rising energy demand, stringent regulatory compliance, and technological advancements. Smart metering, IoT-enabled solutions, modular metering units, and multi-fuel adaptability are transforming custody transfer processes, ensuring accurate measurement, operational efficiency, and growth opportunities across upstream, midstream, and downstream sectors.

| Global Oil and Gas Custody Metering System Market Segments Covered |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| By Component                                                       | Flow meters<br>Piping and Valving<br>Instrumentation and controls<br>Data acquisition system<br>Others                                                                                                                                                                                                                                                                                                                                                                                                           |
| By Application                                                     | Offshore<br>Onshore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| By Region                                                          | <b>North America</b> (United States, Canada and Mexico)<br><b>Europe</b> (UK, France, Germany, Italy, Spain, Sweden, Austria, Turkey, Russia and Rest of Europe)<br><b>Asia Pacific</b> (China, India, Japan, South Korea, Australia, ASEAN (Indonesia, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam etc.) and Rest APAC)<br><b>Middle East and Africa</b> (South Africa, GCC, Egypt, Nigeria and Rest of ME&A)<br><b>South America</b> (Brazil, Argentina, Colombia and Rest of South America) |

Understanding Restraints in the Global Oil and Gas Custody Metering System Market:  
Operational Costs and Cybersecurity Concerns

Global Oil and Gas Custody Metering System Market faces challenges from high capital investment, complex infrastructure integration, and ongoing operational costs. Advanced metering technologies, while essential for precision and regulatory compliance, demand specialized expertise and cybersecurity measures, creating adoption barriers and strategic considerations for industry players navigating cost-intensive deployment.

Lucrative Growth Opportunities in the Global Oil and Gas Custody Metering System Market:  
Smart Metering, IoT, and Alternative Fuel Solutions

Oil and Gas Custody Metering System Market is advancing through smart metering, IoT integration, and real-time analytics. Modular systems and alternative fuel compatibility are driving efficiency and innovation, while integrated end-to-end solutions and emerging market expansion create significant growth potential for operators in upstream, midstream, and downstream sectors.

Global Oil and Gas Custody Metering System Market Segmentation: Dominance of Flow Meters and Onshore Applications Driving Growth

Global Oil and Gas Custody Metering System Market, flow meters are the most critical component, ensuring precise measurement for accurate custody transfer. Onshore applications dominate due to easier infrastructure deployment, cost efficiency, and high-volume throughput. Advanced technologies such as Coriolis, ultrasonic, and smart IoT-enabled meters are driving operational efficiency, regulatory compliance, and innovation, positioning the market for

significant growth across upstream, midstream, and downstream sectors.

## Key Trends Driving the Global Oil and Gas Custody Metering System Market: IoT Automation, Smart Flow Meters, Regulatory Compliance, and Operational Efficiency

**Remote Monitoring and Automation Driving Efficiency:** The Global Oil and Gas Custody Metering System Market is rapidly adopting automated, IoT-enabled remote monitoring solutions. These technologies optimize operations, reduce human intervention, enhance safety, and lower costs, driving operational efficiency across upstream, midstream, and downstream sectors.

**Regulatory Compliance Accelerates Market Adoption:** Stricter environmental regulations and global standards are fueling demand for accurate custody metering systems in the Oil and Gas Custody Metering System Market, ensuring transaction transparency, minimizing penalties, and strengthening operational accountability.

**Rising Adoption of Coriolis and Ultrasonic Flow Meters:** Advanced Coriolis and ultrasonic flow meters are becoming central to custody transfer operations, providing high-accuracy mass and volume measurement. This trend is driving innovation, reliability, and efficiency in the Global Oil and Gas Custody Metering System Market.

## Global Oil and Gas Custody Metering System Market Updates: Emerson, Siemens, Endress+Hauser Lead Flow Meter Innovations

In March 2024, Emerson introduced the Micro Motion G-Series Coriolis mass flow meters, offering compact, high-accuracy solutions for custody transfer applications.

In December 2024, Siemens launched the SITRANS FUE380 ultrasonic flowmeter, enhancing custody transfer measurement accuracy with advanced digital capabilities.

In January 2025, Endress+Hauser unveiled the FLOWSIC600-XT ultrasonic flowmeter, designed for fiscal CO<sub>2</sub> measurement in gaseous and supercritical phases, ensuring compliance with European custody transfer regulations.

## Global Oil and Gas Custody Metering System Market: North America and Europe Lead in Precision and Compliance

North America leads the Global Oil and Gas Custody Metering System Market, driven by the U.S. and Canada's high oil and gas production, strict FERC and Measurement Canada regulations, API MPMS standards, and adoption of Coriolis, ultrasonic, and smart IoT-enabled flow meters, enhancing custody transfer accuracy, regulatory compliance, operational efficiency, and downstream infrastructure performance.

Europe holds the second-largest share in the Global Oil and Gas Custody Metering System Market, driven by stringent OIML-compliant regulations, adoption of Coriolis and ultrasonic smart flow meters, mature upstream and downstream infrastructure, and rising investment in alternative fuels. These factors fuel precision, operational efficiency, and innovation across custody transfer processes.

### Oil and Gas Custody Metering System Key Players

Emerson Electric Co.  
Siemens AG  
Endress+Hauser Group  
KROHNE Group  
FMC Technologies, Inc.  
Cameron International Corporation  
TechnipFMC plc  
LEWA GmbH  
Itron Inc.  
Badger Meter, Inc.  
Brooks Instrument  
OVAL Corporation  
Azbil Corporation  
GE Oil & Gas  
Rockwell Automation, Inc.  
SICK AG  
Roxar  
Spirax-Sarco Engineering plc  
Flowserve Corporation  
Invensys  
McCrometer, Inc.  
AW-Lake Company  
Liquid Controls  
Gilbarco Veeder-Root  
Tyrion Integration Services  
Tek-Trol LLC.

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### FAQs:

Who are the key players in the Global Oil and Gas Custody Metering System Market?

Ans: Leading companies in the Global Oil and Gas Custody Metering System Market include Emerson Electric Co., Siemens AG, Endress+Hauser Group, KROHNE, FMC Technologies,

Cameron, and TechnipFMC, driving innovation in Coriolis, ultrasonic, and smart IoT-enabled flow meters.

What are the main restraints affecting the Global Oil and Gas Custody Metering System Market?

Ans: High capital investment, complex infrastructure integration, operational costs, and cybersecurity requirements are major challenges limiting adoption in the Global Oil and Gas Custody Metering System Market.

What growth opportunities exist in the Global Oil and Gas Custody Metering System Market?

Ans: Emerging opportunities in the Global Oil and Gas Custody Metering System Market include IoT-enabled smart metering, modular systems, alternative fuel compatibility, and cloud-based real-time monitoring, driving efficiency and innovation across upstream, midstream, and downstream sectors.

Analyst Perspective:

From an analyst's perspective, the Global Oil and Gas Custody Metering System Market is witnessing transformative growth driven by smart IoT-enabled flow meters, Coriolis and ultrasonic custody metering technologies, digital flow measurement, and regulatory compliance. Leading players like Emerson, Siemens, and Endress+Hauser are driving innovation, while investments in modular metering systems, alternative fuel solutions, and real-time monitoring highlight strong market potential and operational efficiency.

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