+357 96 030922
info@marketpublishers.com

Wetgas Meters Market Forecasts to 2032 – Global Analysis By Type (Differential Pressure (DP) Meters, Ultrasonic Meters, Coriolis Meters, Vortex Meters, Positive Displacement Wet Gas Meters, and Other Types), Material Type, Application, End User and By Geography

https://marketpublishers.com/r/W4E59E254789EN.html
Date: June 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: W4E59E254789EN

Abstracts

According to Stratistics MRC, the Global Wetgas Meters Market is accounted for $4.27 billion in 2025 and is expected to reach $7.32 billion by 2032 growing at a CAGR of 8.0% during the forecast period. Wet gas meters are specialized flow measurement devices used to accurately quantify gas streams that contain varying amounts of liquid, such as water or hydrocarbons. These meters are essential in industries like oil and gas, where multiphase flow conditions are common. By compensating for the presence of liquid, wet gas meters provide reliable data for operational efficiency, safety, and regulatory compliance, especially in complex environments like offshore production and natural gas processing facilities.

According to The European Chemical Industry Council, chemical sales in Europe is around USD 700 to 800 billion in 2022.

Market Dynamics:

Driver:

Integration of IoT and data analytics

IoT-enabled wetgas meters provide continuous data insights, reducing operational

+357 96 030922
info@marketpublishers.com

inefficiencies and improving accuracy. Advanced analytics allow companies to detect irregularities, optimize resource allocation, and enhance safety measures. Additionally, automation through AI-driven analytics minimizes manual intervention, leading to cost savings and increased efficiency. The adoption of IoT-based solutions is expanding across various industries, including oil and gas, as businesses seek to improve measurement precision. As technology advances, seamless connectivity and smart analytics will further drive innovation in wetgas metering applications.

Restraint:

Complex calibration and maintenance

Complex calibration and maintenance requirements act as significant restraints in the wetgas meters market. These meters, used to measure gas flow in the presence of liquids, demand precise calibration to ensure accuracy across varying flow conditions and fluid compositions. Calibration often requires specialized equipment and expert personnel, increasing operational costs and downtime. Moreover, frequent maintenance is necessary to prevent measurement drift and equipment degradation due to harsh operating environments. In offshore and remote installations, these challenges are magnified by accessibility issues and high service costs. Consequently, end-users may hesitate to adopt wetgas meters, limiting broader market penetration and growth potential.

Opportunity:

Advancements in hybrid metering technologies

The development of multi-sensor systems integrates various measurement techniques to improve accuracy in dynamic gas-liquid flow environments. These advanced systems enable precise monitoring of wetgas composition, reducing uncertainties in measurement data. Hybrid metering technologies also optimize energy consumption and enhance operational efficiency for industries such as oil and gas extraction. The growing adoption of AI-powered smart meters further supports advancements in this field, improving overall performance. Continuous R&D investments by major players are expected to drive the commercialization of next-generation wetgas meters.

Threat:

Fluctuating natural gas prices

+357 96 030922
info@marketpublishers.com

Price volatility affects investment decisions, leading to uncertainty in procurement and deployment of wetgas meters. Companies hesitate to invest in advanced metering technologies due to unpredictable returns, impacting market growth. Additionally, fluctuating prices influence operational costs, forcing businesses to optimize expenses, sometimes at the cost of efficiency. The instability also affects supply chain dynamics, making it difficult for manufacturers to maintain steady production and pricing strategies.

Covid-19 Impact

The COVID-19 pandemic has impacted the Wetgas Meters Market, causing disruptions and accelerating innovations. Initial lockdowns and supply chain issues led to delays in meter installations and reduced oil and gas exploration demand. However, the pandemic emphasized the importance of automated monitoring solutions, driving investment in IoT-enabled metering systems. Companies incorporated AI-driven analytics to improve efficiency during restricted operations. Post-pandemic recovery efforts have boosted demand for advanced metering technologies, with a renewed focus on sustainability and efficiency expected to strengthen the market.

The vortex meters segment is expected to be the largest during the forecast period

The vortex meters segment is expected to account for the largest market share during the forecast period, due to its widespread application in wetgas flow measurement. These meters offer reliable accuracy and durability in high-pressure conditions, making them suitable for oil and gas operations. Vortex meters provide non-intrusive measurements, reducing maintenance requirements and operational downtime. Increasing automation in fluid measurement processes is driving demand for vortex meters.

The chemical segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the chemical segment is predicted to witness the highest growth rate, due to increasing demand for precise wetgas measurement in chemical processing. Chemical plants require accurate flow monitoring to maintain product quality and optimize resource utilization. The implementation of wetgas meters enhances process efficiency by enabling real-time monitoring of gas-liquid mixtures. The growing emphasis on automation and IoT-based monitoring solutions is further accelerating the adoption of wetgas meters in the chemical sector.

+357 96 030922
info@marketpublishers.com

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to its booming industrial sector and increasing energy demand. The region's rapid urbanization and infrastructure development are driving the need for efficient metering technologies. Government initiatives promoting sustainable energy solutions and technological advancements support market growth. The presence of major industry players and research institutions in the region further fosters innovation in metering solutions.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, owing to technological advancements and strong industrial adoption of wetgas meters. The region benefits from advanced oil and gas extraction technologies and increasing investments in digital metering solutions. Supportive government policies promoting energy efficiency are further fuelling market expansion.

Key players in the market

Some of the key players profiled in the Wetgas Meters Market include Schlumberger (SLB), Baker Hughes, Emerson Electric Co., ABB Ltd., KROHNE Group, Honeywell International Inc., Siemens AG, TechnipFMC, Aker Solutions, Pietro Fiorentini S.p.a., Haimo Technologies, Weatherford International, Fluid Components International (FCI), Endress+Hauser Group Services AG, and Agar Corp.

Key Developments:

In March 2025, ABB and Charbone Hydrogen Corporation have signed a Memorandum of Understanding (MoU) agreement to collaborate on the development of up to 15 modular and scalable green hydrogen production facilities across North America over the next five years, providing a clean fuel source for existing hydrogen users and heavy industrial processes such as steelmaking, which currently use grey hydrogen as an energy source.

In March 2025, Honeywell announced that it has agreed to acquire Sundyne from private equity firm Warburg Pincus for $2.16 billion in an all-cash transaction. This represents approximately 14.5x 2024 EBITDA on a tax-adjusted basis. Sundyne is a leader in the design, manufacturing and aftermarket support of highly-engineered

+357 96 030922
info@marketpublishers.com

pumps and gas compressors used in process industries.

Types Covered:

- Differential Pressure (DP) Meters
- Ultrasonic Meters
- Coriolis Meters
- Vortex Meters
- Positive Displacement Wet Gas Meters
- Other Types

Material Types Covered:

- Brass Wet Gas Meters
- Stainless Steel Wet Gas Meters
- Thermoplastic Wet Gas Meters
- Other Material Types

Applications Covered:

- Well Testing
- Hydrocarbon Metering
- Production Allocation
- Process Management
- Flow Assurance

+357 96 030922
info@marketpublishers.com

Environmental Monitoring

Custody Transfer

Other Applications

End Users Covered:

Oil & Gas

Chemical

Power Generation

City Gas Distribution (CGD)

Biogas Production

Pharmaceuticals

Research & Laboratory

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

+357 96 030922
info@marketpublishers.com

- Germany
- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

+357 96 030922
info@marketpublishers.com

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

+357 96 030922
info@marketpublishers.com

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

5 GLOBAL WETGAS METERS MARKET, BY TYPE

5.1 Introduction
5.2 Differential Pressure (DP) Meters
5.3 Ultrasonic Meters
5.4 Coriolis Meters
5.5 Vortex Meters
5.6 Positive Displacement Wet Gas Meters
5.7 Other Types

6 GLOBAL WETGAS METERS MARKET, BY MATERIAL TYPE

6.1 Introduction
6.2 Brass Wet Gas Meters
6.3 Stainless Steel Wet Gas Meters
6.4 Thermoplastic Wet Gas Meters
6.5 Other Material Types

7 GLOBAL WETGAS METERS MARKET, BY APPLICATION

7.1 Introduction
7.2 Well Testing
7.3 Hydrocarbon Metering
7.4 Production Allocation
7.5 Process Management
7.6 Flow Assurance
7.7 Environmental Monitoring
7.8 Custody Transfer
7.9 Other Applications

8 GLOBAL WETGAS METERS MARKET, BY END USER

8.1 Introduction
8.2 Oil & Gas
8.3 Chemical
8.4 Power Generation
8.5 City Gas Distribution (CGD)
8.6 Biogas Production
8.7 Pharmaceuticals

+357 96 030922
info@marketpublishers.com

9 GLOBAL WETGAS METERS MARKET, BY GEOGRAPHY

10 KEY DEVELOPMENTS

+357 96 030922
info@marketpublishers.com

11 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Wetgas Meters Market Forecasts to 2032 – Global Analysis By Type (Differential Pressure (DP) Meters, Ultrasonic Meters, Coriolis Meters, Vortex Meters, Positive Displacement Wet Gas Meters, and Other Types), Material Type, Application, End User and By Geography

Product link: https://marketpublishers.com/r/W4E59E254789EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/W4E59E254789EN.html