

Oil & Gas Mass Flow Controller Market - 2025-2033

<https://marketpublishers.com/r/OE2F5327036FEN.html>

Date: March 2026

Pages: 210

Price: US\$ 2,999.00 (Single User License)

ID: OE2F5327036FEN

Abstracts

The Oil & Gas Mass Flow Controller Market was valued at US\$ 806.96 Million in 2025 and is anticipated to reach by 2033, at a CAGR of 0.296 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Oil & Gas Mass Flow Controller Market.

This report delivers a comprehensive overview of the Oil & Gas Mass Flow Controller Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Oil & Gas Mass Flow Controller Market. The Oil & Gas Mass Flow Controller Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Oil & Gas Mass Flow Controller Market Scope:

By Product

Thermal-based Mass Flow Controller

By Material

Stainless Steel

Alloy

Others

By Flow Rate

Low Flow (? 25 SLM) Mass Flow Controller

Medium Flow (>25 SLM – ?1000 SLM) Mass Flow Controller

High Flow (>1000 SLM) Mass Flow Controller

By Connectivity

Analog

Digital

Key Players

HORIBA, Ltd

Sensirion AG

MKS Instruments

Teledyne Technologies Incorporated

Bronkhorst

Brooks Instrument

Christian Burkert GmbH & Co. KG

Sierra Instruments, Inc.

Alicat Scientific Inc.

PARKER HANIFIN CORP

Major Highlights

This report delivers a comprehensive overview of the Oil & Gas Mass Flow Controller Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Oil & Gas Mass Flow Controller Market. The Oil & Gas Mass Flow Controller Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and growth trajectory.

Prioritize partners by strategic fit rather than general capability.

Why Choose DataM?

Data-Driven Insights: Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

Post-Purchase Support and Expert Analyst Consultations: As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

White Papers and Case Studies: Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

Annual Updates on Purchased Reports: As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the latest market insights and technological advancements. Terms and conditions apply.

Specialized Focus on Emerging Markets: DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

Value of DataM Reports: Our reports offer specialized insights tailored to the latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise

information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Snippet by Product
- 3.2. Snippet by Material
- 3.3. Snippet by Flow Rate
- 3.4. Snippet by Connectivity
- 3.5. Snippet by Region

4. DYNAMICS

- 4.1. Impacting Factors
 - 4.1.1. Drivers
 - 4.1.1.1. Rising Demand in Renewable Energy
 - 4.1.2. Restraints
 - 4.1.2.1. Calibration Challenges
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory and Compliance Analysis
- 5.5. Sustainability Analysis
- 5.6. DMI Opinion

6. BY PRODUCT

- 6.1. Introduction

- 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
- 6.1.2. Market Attractiveness Index, By Product
- 6.2. Thermal-based Mass Flow Controller *
- 6.2.1. Introduction
- 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)

7. CORIOLIS-BASED MASS FLOW CONTROLLER

- 7.1. Differential Pressure-based Mass Flow Controller

8. BY MATERIAL

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
 - 8.1.2. Market Attractiveness Index, By Material
- 8.2. Stainless Steel *
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Alloy
- 8.4. Others

9. BY FLOW RATE

- 9.1. Introduction
 - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate
 - 9.1.2. Market Attractiveness Index, By Flow Rate
- 9.2. Low Flow (? 25 SLM) Mass Flow Controller *
 - 9.2.1. Introduction
 - 9.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 9.3. Medium Flow (>25 SLM – ?1000 SLM) Mass Flow Controller
- 9.4. High Flow (>1000 SLM) Mass Flow Controller

10. BY CONNECTIVITY

- 10.1. Introduction
 - 10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity
 - 10.1.2. Market Attractiveness Index, By Connectivity
- 10.2. Analog *
 - 10.2.1. Introduction

- 10.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 10.3. Digital

11. BY REGION

11.1. Introduction

- 11.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region
- 11.1.2. Market Attractiveness Index, By Region

11.2. North America

- 11.2.1. Introduction
- 11.2.2. Key Region-Specific Dynamics
- 11.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
- 11.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
- 11.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate
- 11.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity
- 11.2.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 11.2.7.1. US
 - 11.2.7.2. Canada
 - 11.2.7.3. Mexico

11.3. Europe

- 11.3.1. Introduction
- 11.3.2. Key Region-Specific Dynamics
- 11.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
- 11.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
- 11.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate
- 11.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity
- 11.3.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 11.3.7.1. Germany
 - 11.3.7.2. UK
 - 11.3.7.3. France
 - 11.3.7.4. Italy
 - 11.3.7.5. Spain
 - 11.3.7.6. Rest of Europe

11.4. South America

- 11.4.1. Introduction
- 11.4.2. Key Region-Specific Dynamics
- 11.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
- 11.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
- 11.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate

- 11.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity
- 11.4.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 11.4.7.1. Brazil
 - 11.4.7.2. Argentina
 - 11.4.7.3. Rest of South America
- 11.5. Asia-Pacific
 - 11.5.1. Introduction
 - 11.5.2. Key Region-Specific Dynamics
 - 11.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
 - 11.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
 - 11.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate
 - 11.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity
 - 11.5.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 11.5.7.1. China
 - 11.5.7.2. India
 - 11.5.7.3. Japan
 - 11.5.7.4. Australia
 - 11.5.7.5. Rest of Asia-Pacific
- 11.6. Middle East and Africa
 - 11.6.1. Introduction
 - 11.6.2. Key Region-Specific Dynamics
 - 11.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Product
 - 11.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material
 - 11.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Flow Rate
 - 11.6.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Connectivity

12. COMPANY PROFILES

- 12.1. HORIBA, Ltd *
 - 12.1.1. Company Overview
 - 12.1.2. Product Portfolio and Description
 - 12.1.3. Financial Overview
 - 12.1.4. Key Developments
- 12.2. Sensirion AG
- 12.3. MKS Instruments
- 12.4. Teledyne Technologies Incorporated
- 12.5. Bronkhorst
- 12.6. Brooks Instrument
- 12.7. Christian Br kert GmbH & Co. KG

12.8. Sierra Instruments, Inc.

12.9. Alicat Scientific Inc.

12.10. PARKER HANIFIN CORP (LIST NOT EXHAUSTIVE)

13. APPENDIX

13.1. About Us and Services

13.2. Contact Us

I would like to order

Product name: Oil & Gas Mass Flow Controller Market - 2025-2033

Product link: <https://marketpublishers.com/r/OE2F5327036FEN.html>

Price: US\$ 2,999.00 (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/OE2F5327036FEN.html>