

Global Mass Flow Controllers & Meters Market Growth 2025-2031

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Abstracts

The global Mass Flow Controllers & Meters market size is predicted to grow from US\$ 2358 million in 2025 to US\$ 3699 million in 2031; it is expected to grow at a CAGR of 7.8% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Mass Flow Controllers (MFCs) and Mass Flow Meters (MFMs) are precision instruments used to measure (MFMs) or control (MFCs) the mass flow rate of gases or liquids. Unlike volumetric flow meters, they measure the actual mass of the fluid flowing per unit of time, independent of temperature and pressure. Mass Flow Meter (MFM): Measures the actual mass of a fluid (e.g., in kg/h, slm). Mass Flow Controller (MFC): Measures and also regulates the flow.

United States market for Mass Flow Controllers & Meters is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Mass Flow Controllers & Meters is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Mass Flow Controllers & Meters is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Mass Flow Controllers & Meters players cover Brooks Instrument, Bronkhorst High-Tech, MKS Instruments, Horiba STEC, Alicat Scientific (Halma plc),

etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Mass Flow Controllers & Meters Industry Forecast” looks at past sales and reviews total world Mass Flow Controllers & Meters sales in 2024, providing a comprehensive analysis by region and market sector of projected Mass Flow Controllers & Meters sales for 2025 through 2031. With Mass Flow Controllers & Meters sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Mass Flow Controllers & Meters industry.

This Insight Report provides a comprehensive analysis of the global Mass Flow Controllers & Meters landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Mass Flow Controllers & Meters portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Mass Flow Controllers & Meters market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Mass Flow Controllers & Meters and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Mass Flow Controllers & Meters.

This report presents a comprehensive overview, market shares, and growth opportunities of Mass Flow Controllers & Meters market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Gas Flow Meters/Controllers

Liquid Flow Meters/Controllers

Segmentation by Application:

Semiconductors

Pharmaceuticals

Food and Beverages

Medical

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Brooks Instrument

Bronkhorst High-Tech

MKS Instruments

Horiba STEC

Alicat Scientific (Halma plc)

Sierra Instruments

Yokogawa

Sensirion

Hitachi Metals

Teledyne Hastings Instruments

OMEGA Engineering

Tokyo Keiso Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Mass Flow Controllers & Meters market?

What factors are driving Mass Flow Controllers & Meters market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Mass Flow Controllers & Meters market opportunities vary by end market size?

How does Mass Flow Controllers & Meters break out by Type, by Application?

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