

Global Mass Flow Controller Market (2018 - 2024)

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Abstracts

The Global Mass Flow Controller Market size is expected to reach \$1.4 billion by 2024, rising at a market growth of 6.6% CAGR during the forecast period.

A mass flow controller automatically regulates the flow rate of a gas according to a fixed flow rate sent as an electrical signal without being influenced by surrounding conditions or gas changes. Key applications include petrochemical and chemical gas and liquid pilot plants, semiconductor and led production tools, thin film deposition systems, biopharmaceutical bioreactors, among many others. Increasing demand for ultra-low flow rate mass flow controllers for numerous industrial and medical apps, increasing demand for mass flow controllers in the semiconductor industry for multiple apps, and increasing demand for mass flow controllers in fuel cells for solar power apps are the main factors influencing the growth of this market. In addition, organic and inorganic growth policies, such as brand innovations, expansions, partnerships, contracts and agreements, and acquisitions, are expected to add to the development of the mass flow controller market.

Based on Material type, the market is segmented into Exotic Alloys and Stainless steel & others. Based on Flow rate, the market is segmented into Low Flow Rate, Medium Flow Rate, and High Flow Rate. Based on Media type, the market is segmented into Gas Mass Flow Controllers, Liquid Mass Flow Controllers, and Others. Based on Application, the market is segmented into Fluid & Gas Processing & Control, Catalyst Research, Fuel Cell & Solar Cell, Spray & Coating Processes, and Others. Based on End User, the market is segmented into Semiconductors, Oil & Gas, Chemical & Pharmaceuticals, Water & Wastewater Treatment, Metals & Mining, and Others. Based on Regions, the market is segmented into North America, Europe, Asia Pacific, and Latin America, Middle East & Africa.

The market research report covers the analysis of key stake holders of the market. Key

companies profiled in the report include Bronkhorst High-Tech B.V., Brooks Instrument LLC, MKS Instruments Inc., Sierra Instruments, Inc., Sensirion Holding AG, Halma PLC, Parker Hannifin Corporation, Tokyo Keiso Co., Ltd., Vögtlin Instruments GmbH, and Azbil Corporation.

Scope of the Study

Market Segmentation:

By Material type

Exotic Alloys

Stainless Steel & Others

By Flow rate

Low Flow Rate

Medium Flow Rate

High Flow Rate

By Media type

Gas Mass Flow Controllers

Liquid Mass Flow Controllers

Others

By Application

Fluid & Gas Processing & Control

Catalyst Research

Fuel Cell & Solar Cell

Spray & Coating Processes

Others

By End User

Semiconductors

Oil & Gas

Chemical & Pharmaceuticals

Water & Wastewater Treatment

Metals & Mining

Others

By Geography

North America

US

Canada

Mexico

Rest of North America

Europe

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

LAMEA

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

Companies Profiled

Bronkhorst High-Tech B.V.

Brooks Instrument LLC

MKS Instruments Inc.

Sierra Instruments, Inc.

Sensirion Holding AG

Halma PLC

Parker Hannifin Corporation

Tokyo Keiso Co., Ltd.

Vögtlin Instruments GmbH

Azbil Corporation

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