

Global MFC for Semiconductor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

A Mass Flow Controller (MFC) is a critical device used in the semiconductor industry and other applications where precise control of gas flow is required. In semiconductor manufacturing, MFCs play a vital role in delivering accurate and stable gas flows to various processes. These processes can include chemical vapor deposition (CVD), physical vapor deposition (PVD), etching, ion implantation, and other gas-related applications

According to our (Global Info Research) latest study, the global MFC for Semiconductor market size was valued at US\$ 935 million in 2023 and is forecast to a readjusted size of USD 10610180 million by 2030 with a CAGR of 968.0% during review period.

The core global semiconductor mass flow controller (MFC) manufacturers include HORIBA, Fujikin, MKS Instruments, Sevenstar, Hitachi Metals, Ltd, and Pivotal Systems. The top five manufacturers account for approximately 85% of the global share. HORIBA is the world's largest MFC manufacturer, with a market share of approximately 61%.

Japan is the world's largest MFC market, accounting for nearly 38% of the market share. The second and third places are North America and China, accounting for 22% and 21% respectively.

In terms of product type, thermal MFC occupies a dominant position, accounting for 86% of the market share. At the same time, in terms of applications, semiconductor processing furnaces are the largest application field, accounting for 44%.

This report is a detailed and comprehensive analysis for global MFC for Semiconductor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global MFC for Semiconductor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global MFC for Semiconductor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global MFC for Semiconductor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global MFC for Semiconductor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for MFC for Semiconductor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global MFC for Semiconductor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include HORIBA, Fujikin, MKS Instruments, Sevenstar, Hitachi Metals, Ltd, Pivotal Systems, MKP, AZBIL, Bronkhorst, Lintec, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

MFC for Semiconductor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Thermal Type

Pressure Type

Market segment by Application

Semiconductor Processing Furnace

PVD&CVD Equipment

Etching Equipment

Others

Major players covered

HORIBA

Fujikin

MKS Instruments

Sevenstar

Hitachi Metals, Ltd

Pivotal Systems

MKP

AZBIL

Bronkhorst

Lintec

Kofloc

Brooks

Sensirion

ACCU

Sierra Instruments

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe MFC for Semiconductor product scope, market overview, market

estimation caveats and base year.

Chapter 2, to profile the top manufacturers of MFC for Semiconductor, with price, sales quantity, revenue, and global market share of MFC for Semiconductor from 2019 to 2024.

Chapter 3, the MFC for Semiconductor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the MFC for Semiconductor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and MFC for Semiconductor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of MFC for Semiconductor.

Chapter 14 and 15, to describe MFC for Semiconductor sales channel, distributors, customers, research findings and conclusion.

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