

# Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G3837612B7D3EN.html>

Date: November 2023

Pages: 144

Price: US\$ 4,480.00 (Single User License)

ID: G3837612B7D3EN

## Abstracts

The global Pressure Based Mass Flow Controller (MFC) for Semiconductor market size is expected to reach \$ 241.1 million by 2029, rising at a market growth of 5.6% CAGR during the forecast period (2023-2029).

**Drivers: Semiconductor Industry Growth:** The semiconductor industry is constantly evolving and expanding, with increasing demand for advanced electronic devices. This drives the need for precise gas flow control in various semiconductor manufacturing processes, such as chemical vapor deposition (CVD), etching, and ion implantation.

**Advanced Process Technologies:** The development of advanced process technologies, including sub-10nm node semiconductor fabrication, requires even more precise gas flow control. MFCs play a critical role in enabling these advanced processes.

**Purity and Cleanliness Requirements:** Semiconductors demand extremely high levels of purity and cleanliness in the manufacturing environment. MFCs contribute to maintaining these stringent requirements by accurately controlling the flow of ultra-pure gases.

**Restrictions: Cost:** High-quality Mass Flow Controllers can be expensive, which may pose budget constraints for semiconductor manufacturers, especially smaller companies or research facilities.

**Compatibility and Integration Challenges:** Integrating MFCs into complex semiconductor manufacturing equipment can be challenging due to compatibility issues, software configurations, and potential bottlenecks in the production line.

**Competition and Pricing Pressure:** The Mass Flow Controller market is competitive, and price pressures may affect profit margins, especially for manufacturers producing commodity MFCs.

**Global Supply Chain Factors:** Factors such as global supply chain disruptions, geopolitical events, and material shortages can impact the availability and cost of MFC components.

A Pressure-Based Mass Flow Controller (MFC) for the semiconductor industry is a specialized device used to control and measure the flow rate of gases in semiconductor manufacturing processes. These controllers operate based on the principles of pressure regulation and are designed to precisely control gas flow rates in various applications within the semiconductor fabrication process.

This report studies the global Pressure Based Mass Flow Controller (MFC) for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pressure Based Mass Flow Controller (MFC) for Semiconductor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Pressure Based Mass Flow Controller (MFC) for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor total production and demand, 2018-2029, (K Units)

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor total production value, 2018-2029, (USD Million)

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor domestic production, consumption, key domestic manufacturers and share

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Pressure Based Mass Flow Controller (MFC) for Semiconductor market based on the following parameters – company overview, production, value, 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 and Bronkhorst, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Pressure Based Mass Flow Controller (MFC) for Semiconductor market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Market,  
Segmentation by Type

Metal Sealed Pressure Based Mass Flow Controller

Rubber Sealed Pressure Based Mass Flow Controller

Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Market,  
Segmentation by Application

Semiconductor Processing Furnace

PVD & CVD Equipment

Etching Equipment

Others

Companies Profiled:

HORIBA

Fujikin

MKS Instruments

Sevenstar

Hitachi Metals, Ltd

Pivotal Systems

MKP

AZBIL

Bronkhorst

Lintec

Kofloc

Brooks

Sensirion

ACCU

Sierra Instruments

## Key Questions Answered

1. How big is the global Pressure Based Mass Flow Controller (MFC) for Semiconductor market?
2. What is the demand of the global Pressure Based Mass Flow Controller (MFC) for Semiconductor market?
3. What is the year over year growth of the global Pressure Based Mass Flow Controller

(MFC) for Semiconductor market?

4. What is the production and production value of the global Pressure Based Mass Flow Controller (MFC) for Semiconductor market?

5. Who are the key producers in the global Pressure Based Mass Flow Controller (MFC) for Semiconductor market?

## Contents

### 1 SUPPLY SUMMARY

1.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Introduction

1.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Supply & Forecast

1.2.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value (2018 & 2022 & 2029)

1.2.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029)

1.2.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Pricing Trends (2018-2029)

1.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Region (Based on Production Site)

1.3.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Region (2018-2029)

1.3.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Region (2018-2029)

1.3.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Region (2018-2029)

1.3.4 North America Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029)

1.3.5 Europe Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029)

1.3.6 China Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029)

1.3.7 Japan Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Pressure Based Mass Flow Controller (MFC) for Semiconductor Major Market Trends

### 2 DEMAND SUMMARY

2.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Demand (2018-2029)

2.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption by Region

2.2.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption by Region (2018-2023)

2.2.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Forecast by Region (2024-2029)

2.3 United States Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.4 China Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.5 Europe Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.6 Japan Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.7 South Korea Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.8 ASEAN Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

2.9 India Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029)

### **3 WORLD PRESSURE BASED MASS FLOW CONTROLLER (MFC) FOR SEMICONDUCTOR MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Manufacturer (2018-2023)

3.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Manufacturer (2018-2023)

3.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Manufacturer (2018-2023)

3.4 Pressure Based Mass Flow Controller (MFC) for Semiconductor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Pressure Based Mass Flow Controller (MFC) for Semiconductor in 2022

3.5.3 Global Concentration Ratios (CR8) for Pressure Based Mass Flow Controller (MFC) for Semiconductor in 2022



### 3.6 Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Overall Company Footprint Analysis

#### 3.6.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Region Footprint

#### 3.6.2 Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Company Product Type Footprint

#### 3.6.3 Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Company Product Application Footprint

### 3.7 Competitive Environment

#### 3.7.1 Historical Structure of the Industry

#### 3.7.2 Barriers of Market Entry

#### 3.7.3 Factors of Competition

### 3.8 New Entrant and Capacity Expansion Plans

### 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

### 4.1 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Comparison

#### 4.1.1 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Comparison (2018 & 2022 & 2029)

#### 4.1.2 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Comparison

#### 4.2.1 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Comparison (2018 & 2022 & 2029)

#### 4.2.2 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Comparison

#### 4.3.1 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Comparison (2018 & 2022 & 2029)

#### 4.3.2 United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers and Market Share, 2018-2023

#### 4.4.1 United States Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023)

4.5 China Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers and Market Share

4.5.1 China Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value (2018-2023)

4.5.3 China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023)

4.6 Rest of World Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Metal Sealed Pressure Based Mass Flow Controller

5.2.2 Rubber Sealed Pressure Based Mass Flow Controller

5.3 Market Segment by Type

5.3.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Type (2018-2029)

5.3.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Type (2018-2029)

5.3.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Market Size

Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Semiconductor Processing Furnace

6.2.2 PVD & CVD Equipment

6.2.3 Etching Equipment

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Application (2018-2029)

6.3.2 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Application (2018-2029)

6.3.3 World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 HORIBA

7.1.1 HORIBA Details

7.1.2 HORIBA Major Business

7.1.3 HORIBA Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

7.1.4 HORIBA Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 HORIBA Recent Developments/Updates

7.1.6 HORIBA Competitive Strengths & Weaknesses

7.2 Fujikin

7.2.1 Fujikin Details

7.2.2 Fujikin Major Business

7.2.3 Fujikin Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

7.2.4 Fujikin Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Fujikin Recent Developments/Updates

7.2.6 Fujikin Competitive Strengths & Weaknesses

7.3 MKS Instruments

7.3.1 MKS Instruments Details

7.3.2 MKS Instruments Major Business

7.3.3 MKS Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

- 7.3.4 MKS Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 MKS Instruments Recent Developments/Updates
- 7.3.6 MKS Instruments Competitive Strengths & Weaknesses
- 7.4 Sevenstar
  - 7.4.1 Sevenstar Details
  - 7.4.2 Sevenstar Major Business
  - 7.4.3 Sevenstar Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.4.4 Sevenstar Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Sevenstar Recent Developments/Updates
  - 7.4.6 Sevenstar Competitive Strengths & Weaknesses
- 7.5 Hitachi Metals, Ltd
  - 7.5.1 Hitachi Metals, Ltd Details
  - 7.5.2 Hitachi Metals, Ltd Major Business
  - 7.5.3 Hitachi Metals, Ltd Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.5.4 Hitachi Metals, Ltd Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Hitachi Metals, Ltd Recent Developments/Updates
  - 7.5.6 Hitachi Metals, Ltd Competitive Strengths & Weaknesses
- 7.6 Pivotal Systems
  - 7.6.1 Pivotal Systems Details
  - 7.6.2 Pivotal Systems Major Business
  - 7.6.3 Pivotal Systems Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.6.4 Pivotal Systems Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Pivotal Systems Recent Developments/Updates
  - 7.6.6 Pivotal Systems Competitive Strengths & Weaknesses
- 7.7 MKP
  - 7.7.1 MKP Details
  - 7.7.2 MKP Major Business
  - 7.7.3 MKP Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.7.4 MKP Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 MKP Recent Developments/Updates

### 7.7.6 MKP Competitive Strengths & Weaknesses

## 7.8 AZBIL

### 7.8.1 AZBIL Details

### 7.8.2 AZBIL Major Business

### 7.8.3 AZBIL Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

### 7.8.4 AZBIL Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.8.5 AZBIL Recent Developments/Updates

### 7.8.6 AZBIL Competitive Strengths & Weaknesses

## 7.9 Bronkhorst

### 7.9.1 Bronkhorst Details

### 7.9.2 Bronkhorst Major Business

### 7.9.3 Bronkhorst Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

### 7.9.4 Bronkhorst Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.9.5 Bronkhorst Recent Developments/Updates

### 7.9.6 Bronkhorst Competitive Strengths & Weaknesses

## 7.10 Lintec

### 7.10.1 Lintec Details

### 7.10.2 Lintec Major Business

### 7.10.3 Lintec Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

### 7.10.4 Lintec Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.10.5 Lintec Recent Developments/Updates

### 7.10.6 Lintec Competitive Strengths & Weaknesses

## 7.11 Kofloc

### 7.11.1 Kofloc Details

### 7.11.2 Kofloc Major Business

### 7.11.3 Kofloc Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

### 7.11.4 Kofloc Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.11.5 Kofloc Recent Developments/Updates

### 7.11.6 Kofloc Competitive Strengths & Weaknesses

## 7.12 Brooks

### 7.12.1 Brooks Details

- 7.12.2 Brooks Major Business
- 7.12.3 Brooks Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
- 7.12.4 Brooks Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 Brooks Recent Developments/Updates
- 7.12.6 Brooks Competitive Strengths & Weaknesses
- 7.13 Sensirion
  - 7.13.1 Sensirion Details
  - 7.13.2 Sensirion Major Business
  - 7.13.3 Sensirion Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.13.4 Sensirion Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Sensirion Recent Developments/Updates
  - 7.13.6 Sensirion Competitive Strengths & Weaknesses
- 7.14 ACCU
  - 7.14.1 ACCU Details
  - 7.14.2 ACCU Major Business
  - 7.14.3 ACCU Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.14.4 ACCU Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 ACCU Recent Developments/Updates
  - 7.14.6 ACCU Competitive Strengths & Weaknesses
- 7.15 Sierra Instruments
  - 7.15.1 Sierra Instruments Details
  - 7.15.2 Sierra Instruments Major Business
  - 7.15.3 Sierra Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services
  - 7.15.4 Sierra Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Sierra Instruments Recent Developments/Updates
  - 7.15.6 Sierra Instruments Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Industry Chain
- 8.2 Pressure Based Mass Flow Controller (MFC) for Semiconductor Upstream Analysis

8.2.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Core Raw Materials

8.2.2 Main Manufacturers of Pressure Based Mass Flow Controller (MFC) for Semiconductor Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Mode

8.6 Pressure Based Mass Flow Controller (MFC) for Semiconductor Procurement Model

8.7 Pressure Based Mass Flow Controller (MFC) for Semiconductor Industry Sales Model and Sales Channels

8.7.1 Pressure Based Mass Flow Controller (MFC) for Semiconductor Sales Model

8.7.2 Pressure Based Mass Flow Controller (MFC) for Semiconductor Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Region (2018-2023) & (USD Million)

Table 3. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Region (2024-2029) & (USD Million)

Table 4. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Region (2018-2023)

Table 5. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Region (2024-2029)

Table 6. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Region (2018-2023) & (K Units)

Table 7. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Region (2024-2029) & (K Units)

Table 8. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share by Region (2018-2023)

Table 9. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share by Region (2024-2029)

Table 10. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Pressure Based Mass Flow Controller (MFC) for Semiconductor Major Market Trends

Table 13. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption by Region (2018-2023) & (K Units)

Table 15. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Pressure Based Mass Flow Controller (MFC) for Semiconductor Producers in 2022

Table 18. World Pressure Based Mass Flow Controller (MFC) for Semiconductor



Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Pressure Based Mass Flow Controller (MFC) for Semiconductor Producers in 2022

Table 20. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Company Evaluation Quadrant

Table 22. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Site of Key Manufacturer

Table 24. Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Company Product Type Footprint

Table 25. Pressure Based Mass Flow Controller (MFC) for Semiconductor Market: Company Product Application Footprint

Table 26. Pressure Based Mass Flow Controller (MFC) for Semiconductor Competitive Factors

Table 27. Pressure Based Mass Flow Controller (MFC) for Semiconductor New Entrant and Capacity Expansion Plans

Table 28. Pressure Based Mass Flow Controller (MFC) for Semiconductor Mergers & Acquisitions Activity

Table 29. United States VS China Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share (2018-2023)

Table 37. China Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share (2018-2023)

Table 42. Rest of World Based Pressure Based Mass Flow Controller (MFC) for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share (2018-2023)

Table 47. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Type (2018-2023) & (K Units)

Table 49. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Type (2024-2029) & (K Units)

Table 50. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Type (2018-2023) & (USD Million)

Table 51. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Type (2024-2029) & (USD Million)

Table 52. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Application (2018-2023) & (K Units)

Table 56. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production by Application (2024-2029) & (K Units)

Table 57. World Pressure Based Mass Flow Controller (MFC) for Semiconductor

Production Value by Application (2018-2023) & (USD Million)

Table 58. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Application (2024-2029) & (USD Million)

Table 59. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. HORIBA Basic Information, Manufacturing Base and Competitors

Table 62. HORIBA Major Business

Table 63. HORIBA Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 64. HORIBA Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. HORIBA Recent Developments/Updates

Table 66. HORIBA Competitive Strengths & Weaknesses

Table 67. Fujikin Basic Information, Manufacturing Base and Competitors

Table 68. Fujikin Major Business

Table 69. Fujikin Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 70. Fujikin Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Fujikin Recent Developments/Updates

Table 72. Fujikin Competitive Strengths & Weaknesses

Table 73. MKS Instruments Basic Information, Manufacturing Base and Competitors

Table 74. MKS Instruments Major Business

Table 75. MKS Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 76. MKS Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. MKS Instruments Recent Developments/Updates

Table 78. MKS Instruments Competitive Strengths & Weaknesses

Table 79. Sevenstar Basic Information, Manufacturing Base and Competitors

Table 80. Sevenstar Major Business

Table 81. Sevenstar Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 82. Sevenstar Pressure Based Mass Flow Controller (MFC) for Semiconductor

Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Sevenstar Recent Developments/Updates

Table 84. Sevenstar Competitive Strengths & Weaknesses

Table 85. Hitachi Metals, Ltd Basic Information, Manufacturing Base and Competitors

Table 86. Hitachi Metals, Ltd Major Business

Table 87. Hitachi Metals, Ltd Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 88. Hitachi Metals, Ltd Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Hitachi Metals, Ltd Recent Developments/Updates

Table 90. Hitachi Metals, Ltd Competitive Strengths & Weaknesses

Table 91. Pivotal Systems Basic Information, Manufacturing Base and Competitors

Table 92. Pivotal Systems Major Business

Table 93. Pivotal Systems Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 94. Pivotal Systems Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Pivotal Systems Recent Developments/Updates

Table 96. Pivotal Systems Competitive Strengths & Weaknesses

Table 97. MKP Basic Information, Manufacturing Base and Competitors

Table 98. MKP Major Business

Table 99. MKP Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 100. MKP Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. MKP Recent Developments/Updates

Table 102. MKP Competitive Strengths & Weaknesses

Table 103. AZBIL Basic Information, Manufacturing Base and Competitors

Table 104. AZBIL Major Business

Table 105. AZBIL Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 106. AZBIL Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. AZBIL Recent Developments/Updates

Table 108. AZBIL Competitive Strengths & Weaknesses

Table 109. Bronkhorst Basic Information, Manufacturing Base and Competitors

Table 110. Bronkhorst Major Business

Table 111. Bronkhorst Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 112. Bronkhorst Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Bronkhorst Recent Developments/Updates

Table 114. Bronkhorst Competitive Strengths & Weaknesses

Table 115. Lintec Basic Information, Manufacturing Base and Competitors

Table 116. Lintec Major Business

Table 117. Lintec Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 118. Lintec Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Lintec Recent Developments/Updates

Table 120. Lintec Competitive Strengths & Weaknesses

Table 121. Kofloc Basic Information, Manufacturing Base and Competitors

Table 122. Kofloc Major Business

Table 123. Kofloc Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 124. Kofloc Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Kofloc Recent Developments/Updates

Table 126. Kofloc Competitive Strengths & Weaknesses

Table 127. Brooks Basic Information, Manufacturing Base and Competitors

Table 128. Brooks Major Business

Table 129. Brooks Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 130. Brooks Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Brooks Recent Developments/Updates

Table 132. Brooks Competitive Strengths & Weaknesses

Table 133. Sensirion Basic Information, Manufacturing Base and Competitors

Table 134. Sensirion Major Business

Table 135. Sensirion Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 136. Sensirion Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Sensirion Recent Developments/Updates

Table 138. Sensirion Competitive Strengths & Weaknesses

Table 139. ACCU Basic Information, Manufacturing Base and Competitors

Table 140. ACCU Major Business

Table 141. ACCU Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 142. ACCU Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. ACCU Recent Developments/Updates

Table 144. Sierra Instruments Basic Information, Manufacturing Base and Competitors

Table 145. Sierra Instruments Major Business

Table 146. Sierra Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Product and Services

Table 147. Sierra Instruments Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of Pressure Based Mass Flow Controller (MFC) for Semiconductor Upstream (Raw Materials)

Table 149. Pressure Based Mass Flow Controller (MFC) for Semiconductor Typical Customers

Table 150. Pressure Based Mass Flow Controller (MFC) for Semiconductor Typical Distributors

## **LIST OF FIGURE**

Figure 1. Pressure Based Mass Flow Controller (MFC) for Semiconductor Picture

Figure 2. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029) & (K Units)

Figure 5. World Pressure Based Mass Flow Controller (MFC) for Semiconductor

Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Region (2018-2029)

Figure 7. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share by Region (2018-2029)

Figure 8. North America Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029) & (K Units)

Figure 9. Europe Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029) & (K Units)

Figure 10. China Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029) & (K Units)

Figure 11. Japan Pressure Based Mass Flow Controller (MFC) for Semiconductor Production (2018-2029) & (K Units)

Figure 12. Pressure Based Mass Flow Controller (MFC) for Semiconductor Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 15. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Market Share by Region (2018-2029)

Figure 16. United States Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 17. China Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 18. Europe Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 19. Japan Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 20. South Korea Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 22. India Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Pressure Based Mass Flow Controller (MFC) for Semiconductor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Pressure Based Mass Flow Controller (MFC) for Semiconductor Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Pressure Based Mass Flow

Controller (MFC) for Semiconductor Markets in 2022

Figure 26. United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Pressure Based Mass Flow Controller (MFC) for Semiconductor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share 2022

Figure 30. China Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share 2022

Figure 32. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Type in 2022

Figure 34. Metal Sealed Pressure Based Mass Flow Controller

Figure 35. Rubber Sealed Pressure Based Mass Flow Controller

Figure 36. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share by Type (2018-2029)

Figure 37. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Type (2018-2029)

Figure 38. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Application in 2022

Figure 41. Semiconductor Processing Furnace

Figure 42. PVD & CVD Equipment

Figure 43. Etching Equipment

Figure 44. Others

Figure 45. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Market Share by Application (2018-2029)

Figure 46. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Production Value Market Share by Application (2018-2029)

Figure 47. World Pressure Based Mass Flow Controller (MFC) for Semiconductor Average Price by Application (2018-2029) & (US\$/Unit)



Figure 48. Pressure Based Mass Flow Controller (MFC) for Semiconductor Industry Chain

Figure 49. Pressure Based Mass Flow Controller (MFC) for Semiconductor Procurement Model

Figure 50. Pressure Based Mass Flow Controller (MFC) for Semiconductor Sales Model

Figure 51. Pressure Based Mass Flow Controller (MFC) for Semiconductor Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Pressure Based Mass Flow Controller (MFC) for Semiconductor Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G3837612B7D3EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3837612B7D3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

