

# Global Thermal Mass Flow Controller Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/T5A73C0D3DA6EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: T5A73C0D3DA6EN

## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Thermal Mass Flow Controller market size will reach 364.56 Million USD in 2025 and is projected to reach 491.15 Million USD by 2032, with a CAGR of 4.35% (2025-2032). Notably, the China Thermal Mass Flow Controller market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

A thermal mass flow controller is a precision instrument used in gas flow control applications, particularly in industrial processes and research settings. This device measures and controls the flow rate of gases based on the principle of thermal dispersion. It typically consists of a thermal sensor and a heater element. The controller maintains a constant temperature difference between the sensor and the heater. As the gas flows over the sensor, it absorbs or dissipates heat, resulting in a temperature change that is proportional to the mass flow rate. The thermal mass flow controller uses this temperature change to accurately measure and regulate the flow of gases. These controllers are valued for their high accuracy, fast response times, and wide range of applications in fields such as semiconductor manufacturing, chemical processing, and environmental monitoring where precise control of gas flows is essential for maintaining optimal process conditions.

The major global manufacturers of Thermal Mass Flow Controller include HORIBA, Bronkhorst, MKS Instruments, Brooks, B?rkert, TOKYO KEISO CO.,LTD, Sensirion,

AZBIL, Sierra Instruments, Teledyne, Omega, Hitachi Metals, Ltd, Parker Hannifin, Kofloc, Sevenstar, Accu, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Thermal Mass Flow Controller. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Thermal Mass Flow Controller market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Thermal Mass Flow Controller market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Thermal Mass Flow Controller industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Thermal Mass Flow Controller Include:

HORIBA

Bronkhorst

MKS Instruments

Brooks

Berkert

TOKYO KEISO CO.,LTD

Sensirion

AZBIL

Sierra Instruments

Teledyne

Omega

Hitachi Metals, Ltd

Parker Hannifin

Kofloc

Sevenstar

Accu

Thermal Mass Flow Controller Product Segment Include:

Digital Controller

Analog Controller

Thermal Mass Flow Controller Product Application Include:

Semiconductor Manufacturing

FPD Industry

Vacuum Coating

General Industry

Others

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Thermal Mass Flow Controller Industry PESTEL Analysis

Chapter 3: Global Thermal Mass Flow Controller Industry Porter's Five Forces Analysis

Chapter 4: Global Thermal Mass Flow Controller Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Thermal Mass Flow Controller Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Thermal Mass Flow Controller Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Thermal Mass Flow Controller Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

## Contents

### **1 THERMAL MASS FLOW CONTROLLER MARKET OVERVIEW**

- 1.1 Product Definition and Statistical Scope
- 1.2 Thermal Mass Flow Controller Product by Type
  - 1.2.1 Digital Controller
  - 1.2.2 Analog Controller
- 1.3 Thermal Mass Flow Controller Product by Application
  - 1.3.1 Semiconductor Manufacturing
  - 1.3.2 FPD Industry
  - 1.3.3 Vacuum Coating
  - 1.3.4 General Industry
  - 1.3.5 Others
- 1.4 Global Thermal Mass Flow Controller Market Revenue and Sales Analysis
  - 1.4.1 Global Thermal Mass Flow Controller Revenue Market Size Analysis (2020-2032)
  - 1.4.2 Global Thermal Mass Flow Controller Sales Market Size Analysis (2020-2032)
  - 1.4.3 Global Thermal Mass Flow Controller Market Sales Price Trend Analysis (2020-2032)
- 1.5 Thermal Mass Flow Controller Industry Trends and Innovation
  - 1.5.1 Thermal Mass Flow Controller Industry Trends and Innovation
  - 1.5.2 Thermal Mass Flow Controller Market Drivers and Challenges

### **2 THERMAL MASS FLOW CONTROLLER MARKET PESTEL ANALYSIS**

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

### **3 THERMAL MASS FLOW CONTROLLER MARKET PORTER'S FIVE FORCES ANALYSIS**

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers

3.4 Bargaining Power of Buyers

3.5 Threat of Substitutes

## **4 GLOBAL THERMAL MASS FLOW CONTROLLER MARKET ANALYSIS BY REGIONS**

4.1 Thermal Mass Flow Controller Overall Market: 2024 VS 2025 VS 2032

4.2 Global Thermal Mass Flow Controller Revenue and Forecast Analysis (2020-2032)

4.2.1 Global Thermal Mass Flow Controller Revenue and Market Share by Region (2020-2025)

4.2.2 Global Thermal Mass Flow Controller Revenue and Market Share Forecast by Region (2026-2032)

4.3 Global Thermal Mass Flow Controller Sales and Forecast Analysis (2020-2032)

4.3.1 Global Thermal Mass Flow Controller Sales and Market Share by Region (2020-2025)

4.3.2 Global Thermal Mass Flow Controller Sales and Market Share Forecast by Region (2026-2032)

4.4 Global Thermal Mass Flow Controller Sales Price Trend Analysis (2020-2032)

## **5 GLOBAL THERMAL MASS FLOW CONTROLLER MARKET SIZE BY TYPE AND APPLICATION**

5.1 Global Thermal Mass Flow Controller Market Size by Type

5.1.1 Global Thermal Mass Flow Controller Revenue and Forecast Analysis by Type (2020-2032)

5.1.2 Global Thermal Mass Flow Controller Sales and Forecast Analysis by Type (2020-2032)

5.2 Global Thermal Mass Flow Controller Market Size by Application

5.2.1 Global Thermal Mass Flow Controller Revenue and Forecast Analysis by Application (2020-2032)

5.2.2 Global Thermal Mass Flow Controller Sales and Forecast Analysis by Application (2020-2032)

## **6 NORTH AMERICA**

6.1 North America Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)

6.2 North America Key Manufacturers Analysis

6.3 North America Thermal Mass Flow Controller Market Size by Type

- 6.3.1 North America Thermal Mass Flow Controller Sales by Type (2020-2032)
- 6.3.2 North America Thermal Mass Flow Controller Revenue by Type (2020-2032)
- 6.4 North America Thermal Mass Flow Controller Market Size by Application
  - 6.4.1 North America Thermal Mass Flow Controller Sales by Application (2020-2032)
  - 6.4.2 North America Thermal Mass Flow Controller Revenue by Application (2020-2032)
- 6.5 North America Thermal Mass Flow Controller Market Size by Country
  - 6.5.1 US
  - 6.5.2 Canada

## **7 EUROPE**

- 7.1 Europe Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)
- 7.2 Europe Key Manufacturers Analysis
- 7.3 Europe Thermal Mass Flow Controller Market Size by Type
  - 7.3.1 Europe Thermal Mass Flow Controller Sales by Type (2020-2032)
  - 7.3.2 Europe Thermal Mass Flow Controller Revenue by Type (2020-2032)
- 7.4 Europe Thermal Mass Flow Controller Market Size by Application
  - 7.4.1 Europe Thermal Mass Flow Controller Sales by Application (2020-2032)
  - 7.4.2 Europe Thermal Mass Flow Controller Revenue by Application (2020-2032)
- 7.5 Europe Thermal Mass Flow Controller Market Size by Country
  - 7.5.1 Germany
  - 7.5.2 France
  - 7.5.3 United Kingdom
  - 7.5.4 Italy
  - 7.5.5 Spain
  - 7.5.6 Benelux

## **8 CHINA**

- 8.1 China Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)
- 8.2 China Key Manufacturers Analysis
- 8.3 China Thermal Mass Flow Controller Market Size by Type
  - 8.3.1 China Thermal Mass Flow Controller Sales by Type (2020-2032)
  - 8.3.2 China Thermal Mass Flow Controller Revenue by Type (2020-2032)
- 8.4 China Thermal Mass Flow Controller Market Size by Application
  - 8.4.1 China Thermal Mass Flow Controller Sales by Application (2020-2032)

#### 8.4.2 China Thermal Mass Flow Controller Revenue by Application (2020-2032)

### **9 APAC (EXCL. CHINA)**

#### 9.1 APAC (excl. China) Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)

#### 9.2 APAC (excl. China) Key Manufacturers Analysis

#### 9.3 APAC (excl. China) Thermal Mass Flow Controller Market Size by Type

##### 9.3.1 APAC (excl. China) Thermal Mass Flow Controller Sales by Type (2020-2032)

##### 9.3.2 APAC (excl. China) Thermal Mass Flow Controller Revenue by Type (2020-2032)

#### 9.4 APAC (excl. China) Thermal Mass Flow Controller Market Size by Application

##### 9.4.1 APAC (excl. China) Thermal Mass Flow Controller Sales by Application (2020-2032)

##### 9.4.2 APAC (excl. China) Thermal Mass Flow Controller Revenue by Application (2020-2032)

#### 9.5 APAC (excl. China) Thermal Mass Flow Controller Market Size by Country

##### 9.5.1 Japan

##### 9.5.2 South Korea

##### 9.5.3 India

##### 9.5.4 Australia

##### 9.5.5 Southeast Asia

### **10 LATIN AMERICA**

#### 10.1 Latin America Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)

#### 10.2 Latin America Key Manufacturers Analysis

#### 10.3 Latin America Thermal Mass Flow Controller Market Size by Type

##### 10.3.1 Latin America Thermal Mass Flow Controller Sales by Type (2020-2032)

##### 10.3.2 Latin America Thermal Mass Flow Controller Revenue by Type (2020-2032)

#### 10.4 Latin America Thermal Mass Flow Controller Market Size by Application

##### 10.4.1 Latin America Thermal Mass Flow Controller Sales by Application (2020-2032)

##### 10.4.2 Latin America Thermal Mass Flow Controller Revenue by Application (2020-2032)

#### 10.5 Latin America Thermal Mass Flow Controller Market Size by Country

#### 10.6 Latin America Thermal Mass Flow Controller Market Size by Country

##### 10.6.1 Mexico

##### 10.6.2 Brazil

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Thermal Mass Flow Controller Market Size and Growth Rate Analysis (2020-2032)

11.2 Middle East & Africa Key Manufacturers Analysis

11.3 Middle East & Africa Thermal Mass Flow Controller Market Size by Type

11.3.1 Middle East & Africa Thermal Mass Flow Controller Sales by Type (2020-2032)

11.3.2 Middle East & Africa Thermal Mass Flow Controller Revenue by Type (2020-2032)

11.4 Middle East & Africa Thermal Mass Flow Controller Market Size by Application

11.4.1 Middle East & Africa Thermal Mass Flow Controller Sales by Application (2020-2032)

11.4.2 Middle East & Africa Thermal Mass Flow Controller Revenue by Application (2020-2032)

11.5 Middle East Thermal Mass Flow Controller Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

## **12 COMPETITION BY MANUFACTURERS**

12.1 Global Thermal Mass Flow Controller Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Thermal Mass Flow Controller Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Thermal Mass Flow Controller Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Thermal Mass Flow Controller Average Sales Price by Manufacturers (2021-2025)

12.2 Thermal Mass Flow Controller Competitive Landscape Analysis and Market Dynamic

12.2.1 Thermal Mass Flow Controller Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

## **13 KEY COMPANIES ANALYSIS**

13.1 HORIBA

13.1.1 HORIBA Basic Company Profile (Employees, Areas Service, Competitors and

## Contact Information)

13.1.2 HORIBA Thermal Mass Flow Controller Product Portfolio

13.1.3 HORIBA Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.2 Bronkhorst

13.2.1 Bronkhorst Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 Bronkhorst Thermal Mass Flow Controller Product Portfolio

13.2.3 Bronkhorst Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.3 MKS Instruments

13.3.1 MKS Instruments Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 MKS Instruments Thermal Mass Flow Controller Product Portfolio

13.3.3 MKS Instruments Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.4 Brooks

13.4.1 Brooks Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Brooks Thermal Mass Flow Controller Product Portfolio

13.4.3 Brooks Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.5 Burkert

13.5.1 Burkert Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 Burkert Thermal Mass Flow Controller Product Portfolio

13.5.3 Burkert Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.6 TOKYO KEISO CO.,LTD

13.6.1 TOKYO KEISO CO.,LTD Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 TOKYO KEISO CO.,LTD Thermal Mass Flow Controller Product Portfolio

13.6.3 TOKYO KEISO CO.,LTD Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.7 Sensirion

13.7.1 Sensirion Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.7.2 Sensirion Thermal Mass Flow Controller Product Portfolio

13.7.3 Sensirion Thermal Mass Flow Controller Market Data Analysis (Revenue,

Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.8 AZBIL

13.8.1 AZBIL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 AZBIL Thermal Mass Flow Controller Product Portfolio

13.8.3 AZBIL Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.9 Sierra Instruments

13.9.1 Sierra Instruments Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.9.2 Sierra Instruments Thermal Mass Flow Controller Product Portfolio

13.9.3 Sierra Instruments Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.10 Teledyne

13.10.1 Teledyne Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.10.2 Teledyne Thermal Mass Flow Controller Product Portfolio

13.10.3 Teledyne Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.11 Omega

13.11.1 Omega Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.11.2 Omega Thermal Mass Flow Controller Product Portfolio

13.11.3 Omega Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.12 Hitachi Metals, Ltd

13.12.1 Hitachi Metals, Ltd Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.12.2 Hitachi Metals, Ltd Thermal Mass Flow Controller Product Portfolio

13.12.3 Hitachi Metals, Ltd Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.13 Parker Hannifin

13.13.1 Parker Hannifin Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.13.2 Parker Hannifin Thermal Mass Flow Controller Product Portfolio

13.13.3 Parker Hannifin Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.14 Kofloc

13.14.1 Kofloc Basic Company Profile (Employees, Areas Service, Competitors and

## Contact Information)

13.14.2 Kofloc Thermal Mass Flow Controller Product Portfolio

13.14.3 Kofloc Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.15 Sevenstar

13.15.1 Sevenstar Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.15.2 Sevenstar Thermal Mass Flow Controller Product Portfolio

13.15.3 Sevenstar Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 13.16 Accu

13.16.1 Accu Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.16.2 Accu Thermal Mass Flow Controller Product Portfolio

13.16.3 Accu Thermal Mass Flow Controller Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## **14 INDUSTRY CHAIN ANALYSIS**

14.1 Thermal Mass Flow Controller Industry Chain Analysis

14.2 Thermal Mass Flow Controller Industry Raw Material and Suppliers Analysis

14.2.1 Thermal Mass Flow Controller Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Thermal Mass Flow Controller Typical Downstream Customers

14.4 Thermal Mass Flow Controller Sales Channel Analysis

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 METHODOLOGY AND DATA SOURCE**

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1: Global Thermal Mass Flow Controller Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Thermal Mass Flow Controller Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Thermal Mass Flow Controller Industry Development Status

Table 4: Thermal Mass Flow Controller Industry Development Trends

Table 5: Global Thermal Mass Flow Controller Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Thermal Mass Flow Controller Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Thermal Mass Flow Controller Revenue Market Share by Region (2020-2025)

Table 8: Global Thermal Mass Flow Controller Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Thermal Mass Flow Controller Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Thermal Mass Flow Controller Sales by Region (2020-2025) & (K Unit)

Table 11: Global Thermal Mass Flow Controller Sales Market Share by Region (2020-2025)

Table 12: Global Thermal Mass Flow Controller Sales Forecast by Region (2026-2032) & (K Unit)

Table 13: Global Thermal Mass Flow Controller Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Thermal Mass Flow Controller Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Thermal Mass Flow Controller Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Thermal Mass Flow Controller Sales Analysis by Type (2020-2025) & (K Unit)

Table 17: Global Thermal Mass Flow Controller Sales Analysis Forecast by Type (2026-2032) & (K Unit)

Table 18: Global Thermal Mass Flow Controller Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Thermal Mass Flow Controller Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Thermal Mass Flow Controller Sales Analysis by Application

(2020-2025) & (K Unit)

Table 21: Global Thermal Mass Flow Controller Sales Analysis Forecast by Application (2026-2032) & (K Unit)

Table 22: Key Thermal Mass Flow Controller Players in North America

Table 23: North America Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)

Table 24: North America Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)

Table 25: North America Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)

Table 28: North America Thermal Mass Flow Controller Sales by Application (2026-2032) & (K Unit)

Table 29: North America Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Thermal Mass Flow Controller Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Thermal Mass Flow Controller Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Thermal Mass Flow Controller Sales Market Size by Country (2020-2025) & (K Unit)

Table 34: North America Thermal Mass Flow Controller Sales Market Size by Country (2026-2032) & (K Unit)

Table 35: Key Thermal Mass Flow Controller Players in Europe

Table 36: Europe Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)

Table 37: Europe Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)

Table 38: Europe Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)

Table 41: Europe Thermal Mass Flow Controller Sales by Application (2026-2032) & (K Unit)

Table 42: Europe Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Thermal Mass Flow Controller Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Thermal Mass Flow Controller Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Thermal Mass Flow Controller Sales Market Size by Country (2020-2025) & (K Unit)

Table 47: Europe Thermal Mass Flow Controller Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 48: Key Thermal Mass Flow Controller Players in China

Table 49: China Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)

Table 50: China Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)

Table 51: China Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)

Table 54: China Thermal Mass Flow Controller Sales by Application (2026-2032) & (K Unit)

Table 55: China Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Thermal Mass Flow Controller Players in APAC (excl. China)

Table 58: APAC (excl. China) Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)

Table 59: APAC (excl. China) Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)

Table 60: APAC (excl. China) Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)

Table 63: APAC (excl. China) Thermal Mass Flow Controller Sales by Application

(2026-2032) & (K Unit)

Table 64: APAC (excl. China) Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Thermal Mass Flow Controller Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Thermal Mass Flow Controller Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Thermal Mass Flow Controller Sales Market Size by Country (2020-2025) & (K Unit)

Table 69: APAC (excl. China) Thermal Mass Flow Controller Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 70: Key Thermal Mass Flow Controller Players in Latin America

Table 71: Latin America Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)

Table 72: Latin America Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)

Table 73: Latin America Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)

Table 76: Latin America Thermal Mass Flow Controller Sales by Application (2026-2032) & (K Unit)

Table 77: Latin America Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Thermal Mass Flow Controller Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Thermal Mass Flow Controller Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Thermal Mass Flow Controller Sales Market Size by Country (2020-2025) & (K Unit)

Table 82: Latin America Thermal Mass Flow Controller Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 83: Key Thermal Mass Flow Controller Players in Middle East & Africa

- Table 84: Middle East & Africa Thermal Mass Flow Controller Sales by Type (2020-2025) & (K Unit)
- Table 85: Middle East & Africa Thermal Mass Flow Controller Sales by Type (2026-2032) & (K Unit)
- Table 86: Middle East & Africa Thermal Mass Flow Controller Revenue by Type (2020-2025) & (US\$ Million)
- Table 87: Middle East & Africa Thermal Mass Flow Controller Revenue by Type (2026-2032) & (US\$ Million)
- Table 88: Middle East & Africa Thermal Mass Flow Controller Sales by Application (2020-2025) & (K Unit)
- Table 89: Middle East & Africa Thermal Mass Flow Controller Sales by Application (2026-2032) & (K Unit)
- Table 90: Middle East & Africa Thermal Mass Flow Controller Revenue by Application (2020-2025) & (US\$ Million)
- Table 91: Middle East & Africa Thermal Mass Flow Controller Revenue by Application (2026-2032) & (US\$ Million)
- Table 92: Middle East & Africa Thermal Mass Flow Controller Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 93: Middle East & Africa Thermal Mass Flow Controller Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 94: Middle East & Africa Thermal Mass Flow Controller Sales Market Size by Country (2020-2025) & (K Unit)
- Table 95: Middle East & Africa Thermal Mass Flow Controller Sales Market Size Forecast by Country (2026-2032) & (K Unit)
- Table 96: Global Thermal Mass Flow Controller Market Sales by Key Manufacturers (2021-2025) & (K Unit)
- Table 97: Global Thermal Mass Flow Controller Sales Market Share by Key Manufacturers (2021-2025)
- Table 98: Global Thermal Mass Flow Controller Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)
- Table 99: Global Thermal Mass Flow Controller Revenue Market Share by Key Manufacturers (2021-2025)
- Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)
- Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales
- Table 102: Market Mergers & Acquisitions, Expansion
- Table 103: HORIBA Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 104: HORIBA Thermal Mass Flow Controller Product Portfolio
- Table 105: HORIBA Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K

Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 106: Bronkhorst Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 107: Bronkhorst Thermal Mass Flow Controller Product Portfolio

Table 108: Bronkhorst Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 109: MKS Instruments Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 110: MKS Instruments Thermal Mass Flow Controller Product Portfolio

Table 111: MKS Instruments Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 112: Brooks Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 113: Brooks Thermal Mass Flow Controller Product Portfolio

Table 114: Brooks Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 115: Burkert Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: Burkert Thermal Mass Flow Controller Product Portfolio

Table 117: Burkert Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 118: TOKYO KEISO CO.,LTD Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: TOKYO KEISO CO.,LTD Thermal Mass Flow Controller Product Portfolio

Table 120: TOKYO KEISO CO.,LTD Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 121: Sensirion Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 122: Sensirion Thermal Mass Flow Controller Product Portfolio

Table 123: Sensirion Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 124: AZBIL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 125: AZBIL Thermal Mass Flow Controller Product Portfolio

Table 126: AZBIL Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 127: Sierra Instruments Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 128: Sierra Instruments Thermal Mass Flow Controller Product Portfolio

Table 129: Sierra Instruments Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 130: Teledyne Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 131: Teledyne Thermal Mass Flow Controller Product Portfolio

Table 132: Teledyne Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 133: Omega Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 134: Omega Thermal Mass Flow Controller Product Portfolio

Table 135: Omega Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 136: Hitachi Metals, Ltd Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 137: Hitachi Metals, Ltd Thermal Mass Flow Controller Product Portfolio

Table 138: Hitachi Metals, Ltd Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 139: Parker Hannifin Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 140: Parker Hannifin Thermal Mass Flow Controller Product Portfolio

Table 141: Parker Hannifin Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 142: Kofloc Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 143: Kofloc Thermal Mass Flow Controller Product Portfolio

Table 144: Kofloc Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 145: Sevenstar Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 146: Sevenstar Thermal Mass Flow Controller Product Portfolio

Table 147: Sevenstar Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 148: Accu Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 149: Accu Thermal Mass Flow Controller Product Portfolio

Table 150: Accu Thermal Mass Flow Controller Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 151: Upstream Key Raw Material Price List

Table 152: Thermal Mass Flow Controller Raw Material Suppliers and Contact

## Information

Table 153: Thermal Mass Flow Controller Typical Customer List

Table 154: Thermal Mass Flow Controller Distributors List

## List Of Figures

### LIST OF FIGURES

Figure 1: Thermal Mass Flow Controller Product Pictures

Figure 2: Digital Controller Picture Scope

Figure 3: Analog Controller Picture Scope

Figure 4: Semiconductor Manufacturing Picture Scope

Figure 5: FPD Industry Picture Scope

Figure 6: Vacuum Coating Picture Scope

Figure 7: General Industry Picture Scope

Figure 8: Others Picture Scope

Figure 9: Global Thermal Mass Flow Controller Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 10: Global Thermal Mass Flow Controller Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 11: Global Thermal Mass Flow Controller Market Sales and Growth Rate Analysis (2020-2032) & (K Unit)

Figure 12: Global Thermal Mass Flow Controller Market Price Trend Analysis (2020-2032) & (USD/Unit)

Figure 13: Global Thermal Mass Flow Controller Market Size by Region (2020-2032) & (US\$ Million)

Figure 14: Global Thermal Mass Flow Controller Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 15: Global Thermal Mass Flow Controller Sales Price by Region (2020-2032) & (K Unit)

Figure 16: North America Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 17: North America Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 18: North America Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 19: North America Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 20: North America Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 21: North America Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 22: US Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 23:Canada Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 24:Europe Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 25:Europe Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 26:Europe Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 27:Europe Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 28:Europe Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 29:Europe Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 30:Germany Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 31:France Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 32:United Kingdom Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 33:Italy Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 34:Spain Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 35:Benelux Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 36:China Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 37:China Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 38:China Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 39:China Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 40:China Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 41:China Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 42:APAC (excl. China) Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 43:APAC (excl. China) Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 44:APAC (excl. China) Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 45:APAC (excl. China) Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 46:APAC (excl. China) Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 47:APAC (excl. China) Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 48:Japan Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 49:South Korea Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 50:India Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 51:Australia Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 52:Southeast Asia Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 53:Latin America Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 54:Latin America Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 55:Latin America Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 56:Latin America Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 57:Latin America Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 58:Latin America Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 59:Mexico Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 60:Brazil Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 61:Middle East & Africa Thermal Mass Flow Controller Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 62:Middle East & Africa Thermal Mass Flow Controller Revenue Market Share by Players in 2024

Figure 63:Middle East & Africa Thermal Mass Flow Controller Sales Market Share by Type (2020-2032)

Figure 64:Middle East & Africa Thermal Mass Flow Controller Revenue Market Share by Type (2020-2032)

Figure 65:Middle East & Africa Thermal Mass Flow Controller Sales Market Share by Application (2020-2032)

Figure 66:Middle East & Africa Thermal Mass Flow Controller Revenue Market Share by Application (2020-2032)

Figure 67: Saudi Arabia Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 68: South Africa Thermal Mass Flow Controller Revenue (2020-2032) & (US\$ Million)

Figure 69: Global Thermal Mass Flow Controller Sales Market Share by Key Manufacturers in 2024

Figure 70: Global Thermal Mass Flow Controller Revenue Market Share by Key Manufacturers in 2024

Figure 71: Global Thermal Mass Flow Controller Industry Competition Landscape

Figure 72: Thermal Mass Flow Controller Industry Chain Analysis

Figure 73: Bottom-Up and Top-Down Research Methods

Figure 74: Key Interview Objectives

Figure 75: Data Cross Validation

## I would like to order

Product name: Global Thermal Mass Flow Controller Competitive Landscape Professional Research Report 2025

Product link: <https://marketpublishers.com/r/T5A73C0D3DA6EN.html>

Price: US\$ 3,500.00 (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/T5A73C0D3DA6EN.html>