

Global Thermal Mass Flow Controller Market Research Report 2022 Professional Edition

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Abstracts

The global Thermal Mass Flow Controller market was valued at 29.99 Million USD in 2021 and will grow with a CAGR of 4.88% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

The principle of thermal mass flow controller is to detect and control the gas mass flow by using airflow through the capillary to cause the temperature difference between the upper and lower reaches of the capillary. The mass flow controller can precisely control the gas mass flow. Its function is to precisely control the flow rate of the carrier gas and reaction gas entering the cavity per unit time to achieve the required mixing ratio for the reaction. The main thermal mass flow controller manufacturers in the market include HORIBA, Bronkhorst, MKS Instruments, etc. The top three companies in the world account for about 25% of the market. The high-end market is mostly monopolized by foreign companies, and the low-end market products are highly homogenized. Price competition is fierce. The main consumer regions of thermal mass flow controllers are the United States, China, Germany, Japan and other countries and regions with industrial development systems and awareness of measurement control. These regions account for more than most of the global market. From the type of the product, thermal mass flow controller can be divided into Digital, Analog, of which Analog dominates the market, accounting for about 56% of the total market share. From an application perspective, Semiconductor Manufacturing accounts for the largest market share,

followed by the FPD Industry and Vacuum Coating.

By Market Vendors:

HORIBA

Bronkhorst

MKS Instruments

Brooks

Berkert

TOKYO KEISO CO.,LTD

Sensirion

AZBIL

Sierra Instruments

Teledyne

Omega

Hitachi Metals, Ltd

Parker Hannifin

Sevenstar

Kofloc

Accu

By Types:

Digital

Analog

By Applications:

Semiconductor Manufacturing

FPD Industry

Vacuum Coating

General Industry

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the

global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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