

Microchannel Reactors Market, Global Outlook and Forecast 2022-2028

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Abstracts

A microchannel reactor is a device in which chemical reactions take place in a confinement with typical lateral dimensions below 1 mm; the most typical form of such confinement are microchannels. Microchannel reactorreactors are studied in the field of micro process engineering, together with other devices (such as micro heat exchangers) in which physical processes occur. The microchannel reactor is usually a continuous flow reactor (contrast with/to a batch reactor). Microchannel reactors offer many advantages over conventional scale reactors, including vast improvements in energy efficiency, reaction speed and yield, safety, reliability, scalability, on-site/on-demand production, and a much finer degree of process control.

This report contains market size and forecasts of Microchannel Reactors in Global, including the following market information:

Global Microchannel Reactors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Microchannel Reactors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Lab Use Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Microchannel Reactors include Corning, Chemtrix,

Little Things Factory, AM Technology, Ehrfeld Mikrotechnik BTS, Microinnova Engineering, Uniqsis, Vapourtec and Future Chemistry, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Microchannel Reactors companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Microchannel Reactors Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Microchannel Reactors Market Segment Percentages, by Type, 2021 (%)

Lab Use

Production Use

Global Microchannel Reactors Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Microchannel Reactors Market Segment Percentages, by Application, 2021 (%)

Specialty Chemicals

Pharmaceuticals

Commodity Chemicals

Global Microchannel Reactors Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Microchannel Reactors Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Microchannel Reactors revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Microchannel Reactors revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Corning

Chemtrix

Little Things Factory

AM Technology

Ehrfeld Mikrotechnik BTS

Microinnova Engineering

Uniqsis

Vapourtec

Future Chemistry

Syrris

Suzhou Wenhao

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