

# Liquid Chromatograph-Mass Spectrometry (LC-MS) Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Liquid chromatography–mass spectrometry (LC-MS) is an analytical chemistry technique that combines the physical separation capabilities of liquid chromatography (or HPLC) with the mass analysis capabilities of mass spectrometry (MS). Coupled chromatography - MS systems are popular in chemical analysis because the individual capabilities of each technique are enhanced synergistically. While liquid chromatography separates mixtures with multiple components, mass spectrometry provides structural identity of the individual components with high molecular specificity and detection sensitivity. This tandem technique can be used to analyze biochemical, organic, and inorganic compounds commonly found in complex samples of environmental and biological origin. Therefore, LC-MS may be applied in a wide range of sectors including biotechnology, environment monitoring, food processing, and pharmaceutical, agrochemical, and cosmetic industries.

This report contains market size and forecasts of Liquid Chromatograph-Mass Spectrometry (LC-MS) in global, including the following market information:

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Liquid Chromatograph-Mass Spectrometry (LC-MS) companies in 2021 (%)

The global Liquid Chromatograph-Mass Spectrometry (LC-MS) 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.

Single Quadrupole LC-MS Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Liquid Chromatograph-Mass Spectrometry (LC-MS) include Agilent, Waters, Shimadzu, Thermo Fisher Scientific, PerkinElmer, Hitachi, Danaher, GL Sciences and Bruker, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Liquid Chromatograph-Mass Spectrometry (LC-MS) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market Segment Percentages, by Type, 2021 (%)

Single Quadrupole LC-MS

Triple Quadrupole LC-MS

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market Segment Percentages, by Application, 2021 (%)

Pharmaceutical

Biotechnology

Food Safety

Environmental Monitoring

Others

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Liquid Chromatograph-Mass Spectrometry (LC-MS) 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 Liquid Chromatograph-Mass Spectrometry (LC-MS) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Liquid Chromatograph-Mass Spectrometry (LC-MS) revenues share in global market, 2021 (%)

Key companies Liquid Chromatograph-Mass Spectrometry (LC-MS) sales in global market, 2017-2022 (Estimated), (Units)

Key companies Liquid Chromatograph-Mass Spectrometry (LC-MS) sales share in global market, 2021 (%)

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

Agilent

Waters

Shimadzu

Thermo Fisher Scientific

PerkinElmer

Hitachi

Danaher

GL Sciences

Bruker

Bio-Rad

Jasco

JEOL Ltd

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