

Quadrupole Mass Filters Market, Global Outlook and Forecast 2022-2028

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Abstracts

Quadrupole mass filter is the key component of modern mass spectrometer. QMF uses direct current (DC) electric field and alternating current (AC) electric field to analyze positive ions or negative ions by mass load ratio. QMF consists of four parallel bars with equal spacing, and the ratio of the radius of the bar to the radius of the inscribed circle is 1.148. The frequency range of the AC component of the electric field is usually between 1 and 10 MHz.

This report contains market size and forecasts of Quadrupole Mass Filters in global, including the following market information:

Global Quadrupole Mass Filters Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Quadrupole Mass Filters Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Quadrupole Mass Filters companies in 2021 (%)

The global Quadrupole Mass Filters 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.

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

The global key manufacturers of Quadrupole Mass Filters include Pfeiffer Vacuum GmbH, Ardara Technologies, Extrel CMS, COMSOL, Hiden Analytical, Hositrad,

Advanced Energy Industries, IONICON and Thermo Fisher. etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Quadrupole Mass Filters 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 Quadrupole Mass Filters Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Quadrupole Mass Filters Market Segment Percentages, by Type, 2021 (%)

19 mm

9.5 mm

6 mm

Other

Global Quadrupole Mass Filters Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Quadrupole Mass Filters Market Segment Percentages, by Application, 2021 (%)

Pharmaceutical Applications

Biotech Applications

Environmental Testing

Food & Beverage

Other

Global Quadrupole Mass Filters Market, By Region and Country, 2017-2022, 2023-2028
(\$ Millions) & (K Units)

Global Quadrupole Mass Filters 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 Quadrupole Mass Filters revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Quadrupole Mass Filters revenues share in global market, 2021 (%)

Key companies Quadrupole Mass Filters sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Quadrupole Mass Filters sales share in global market, 2021 (%)

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

Pfeiffer Vacuum GmbH

Ardara Technologies

Extrel CMS

COMSOL

Hiden Analytical

Hositrad

Advanced Energy Industries

IONICON

Thermo Fisher

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