

# **Global Portable Mass Spectrometers Market Size study & Forecast, by Type (Optical Spectrometer, Mass Spectrometer and Others), by Distribution Channel (Online, Offline), by Application (Life Sciences, Chemistry, Food & Agriculture, Others) and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/GDC982439CB9EN.html>

Date: May 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GDC982439CB9EN

## **Abstracts**

Global Portable Mass Spectrometers Market is valued at approximately USD 2,025.52 million in 2022 and is anticipated to grow with a healthy growth rate of more than 9.1% over the forecast period 2023-2030. A portable Mass Spectrometer is an analytical instrument for research that is used to calculate the exact molecular weight of the sample components and measures the fluctuation in a physical property across a specified range or spectrum. Portable Mass Spectrometers are used in various industries such as science, Nanotechnology, and food & beverage. The increasing demand for Portable Mass Spectrometers in pharmaceutical and biomedical R&D is the key factor responsible for the market growth over the forecast period of 2023-2030.

The primary key factor anticipated to accelerate the growth of the Portable Mass Spectrometers Market is the increasing demand in the pharmaceutical industry. According to the “European Federation of Pharmaceutical Industries and Association”, In 2021, North America accounted for 49.1% of world pharmaceutical sales compared with 23.4% for Europe. and in 2020 the pharmaceutical industry invested more than EUR 39,600 million in R&D in Europe. Also, the various product launches by key players are creating a lucrative growth prospectus for the market over the forecast period. Moreover, technological advancements such as smartphone spectrometers and increasing investment by government and private organizations create a positive outlook for the market. However, the limited range of tests and sensitivity of portable

spectrometer devices stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Portable Mass Spectrometers Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in terms of revenue owing to factors such as growing investments by the government in research & development of the biomedical and pharmaceuticals industry. The U.S. and Canada are major key contributors to the growth of the market. Asia-Pacific is the fastest-growing region due to the rising adoption of stringent regulatory guidelines for drug testing and the increasing usage of illicit drugs.

Major market player included in this report are:

Agilent Technologies, Inc.

Thermo Fisher Scientific Inc.

ABB Ltd.

Metrohm AG

Perkinelmer Inc.

Bruker Corporation

Jasco Corporation

Hitachi High-Tech Corporation

MKS Instruments, Inc.

Anton Paar GmbH

Recent Developments in the Market:

? In July 2020, TrinamiX GmbH announced the development of their new creation for mobile NIR – Near-Infrared Spectroscopy Solutions for recycling and plastic sorting. It is also a proven technology that is being used in a portable format and advanced data Processing.

Global Portable Mass Spectrometers Market Report Scope:

? Historical Data – 2020 - 2021

? Base Year for Estimation – 2022

? Forecast period - 2023-2030

? Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

? Segments Covered - Type, Distribution Channel, Application, Region

? Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

? Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment

scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Optical Spectrometer

Mass Spectrometer

Others

By Distribution Channel:

Online

Offline

By Application:

Life Sciences

Chemistry

Food & Agriculture

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

## ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
  - 1.2.1. Portable Mass Spectrometers Market, by Region, 2020-2030 (USD Million)
  - 1.2.2. Portable Mass Spectrometers Market, by Type, 2020-2030 (USD Million)
  - 1.2.3. Portable Mass Spectrometers Market, by Distribution Channel, 2020-2030 (USD Million)
  - 1.2.4. Portable Mass Spectrometers Market, by Application, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL PORTABLE MASS SPECTROMETERS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL PORTABLE MASS SPECTROMETERS MARKET DYNAMICS

- 3.1. Portable Mass Spectrometers Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand in pharmaceutical industry
    - 3.1.1.2. Various product launches by key players
  - 3.1.2. Market Challenges
    - 3.1.2.1. Limited range of tests and sensitivity
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increase in funding for research and development
    - 3.1.3.2. Growing technological advancements

### CHAPTER 4. GLOBAL PORTABLE MASS SPECTROMETERS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL PORTABLE MASS SPECTROMETERS MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Portable Mass Spectrometers Market by Type, Performance - Potential Analysis
- 5.3. Global Portable Mass Spectrometers Market Estimates & Forecasts by Type 2020-2030 (USD Million)
- 5.4. Portable Mass Spectrometers Market, Sub Segment Analysis
  - 5.4.1. Optical Spectrometer
  - 5.4.2. Mass Spectrometer
  - 5.4.3. Others

## **CHAPTER 6. GLOBAL PORTABLE MASS SPECTROMETERS MARKET, BY DISTRIBUTION CHANNEL**

- 6.1. Market Snapshot
- 6.2. Global Portable Mass Spectrometers Market by Distribution Channel, Performance

- Potential Analysis

6.3. Global Portable Mass Spectrometers Market Estimates & Forecasts by Distribution Channel 2020-2030 (USD Million)

6.4. Portable Mass Spectrometers Market, Sub Segment Analysis

6.4.1. Online

6.4.2. Offline

## **CHAPTER 7. GLOBAL PORTABLE MASS SPECTROMETERS MARKET, BY APPLICATION**

7.1. Market Snapshot

7.2. Global Portable Mass Spectrometers Market by Application, Performance - Potential Analysis

7.3. Global Portable Mass Spectrometers Market Estimates & Forecasts by Application 2020-2030 (USD Million)

7.4. Portable Mass Spectrometers Market, Sub Segment Analysis

7.4.1. Life Sciences

7.4.2. Chemistry

7.4.3. Food & Agriculture

7.4.4. Others

## **CHAPTER 8. GLOBAL PORTABLE MASS SPECTROMETERS MARKET, REGIONAL ANALYSIS**

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Portable Mass Spectrometers Market, Regional Market Snapshot

8.4. North America Portable Mass Spectrometers Market

8.4.1. U.S. Portable Mass Spectrometers Market

8.4.1.1. Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Distribution Channel breakdown estimates & forecasts, 2020-2030

8.4.1.3. Application breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Portable Mass Spectrometers Market

8.5. Europe Portable Mass Spectrometers Market Snapshot

8.5.1. U.K. Portable Mass Spectrometers Market

8.5.2. Germany Portable Mass Spectrometers Market

8.5.3. France Portable Mass Spectrometers Market

8.5.4. Spain Portable Mass Spectrometers Market

8.5.5. Italy Portable Mass Spectrometers Market

- 8.5.6. Rest of Europe Portable Mass Spectrometers Market
- 8.6. Asia-Pacific Portable Mass Spectrometers Market Snapshot
  - 8.6.1. China Portable Mass Spectrometers Market
  - 8.6.2. India Portable Mass Spectrometers Market
  - 8.6.3. Japan Portable Mass Spectrometers Market
  - 8.6.4. Australia Portable Mass Spectrometers Market
  - 8.6.5. South Korea Portable Mass Spectrometers Market
  - 8.6.6. Rest of Asia Pacific Portable Mass Spectrometers Market
- 8.7. Latin America Portable Mass Spectrometers Market Snapshot
  - 8.7.1. Brazil Portable Mass Spectrometers Market
  - 8.7.2. Mexico Portable Mass Spectrometers Market
- 8.8. Middle East & Africa Portable Mass Spectrometers Market
  - 8.8.1. Saudi Arabia Portable Mass Spectrometers Market
  - 8.8.2. South Africa Portable Mass Spectrometers Market
  - 8.8.3. Rest of Middle East & Africa Portable Mass Spectrometers Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Agilent Technologies, Inc.
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Thermo Fisher Scientific Inc.
  - 9.3.3. ABB Ltd.
  - 9.3.4. Metrohm AG
  - 9.3.5. Perkinelmer Inc.
  - 9.3.6. Bruker Corporation
  - 9.3.7. Jasco Corporation
  - 9.3.8. Hitachi High-Tech Corporation
  - 9.3.9. MKS Instruments, Inc.
  - 9.3.10. Anton Paar GmbH



## **CHAPTER 10. RESEARCH PROCESS**

### 10.1. Research Process

#### 10.1.1. Data Mining

#### 10.1.2. Analysis

#### 10.1.3. Market Estimation

#### 10.1.4. Validation

#### 10.1.5. Publishing

### 10.2. Research Attributes

### 10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Portable Mass Spectrometers Market, report scope

TABLE 2. Global Portable Mass Spectrometers Market estimates & forecasts by Region 2020-2030 (USD Million)

TABLE 3. Global Portable Mass Spectrometers Market estimates & forecasts by Type 2020-2030 (USD Million)

TABLE 4. Global Portable Mass Spectrometers Market estimates & forecasts by Distribution Channel 2020-2030 (USD Million)

TABLE 5. Global Portable Mass Spectrometers Market estimates & forecasts by Application 2020-2030 (USD Million)

TABLE 6. Global Portable Mass Spectrometers Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 7. Global Portable Mass Spectrometers Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 8. Global Portable Mass Spectrometers Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 9. Global Portable Mass Spectrometers Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 10. Global Portable Mass Spectrometers Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 11. Global Portable Mass Spectrometers Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 12. Global Portable Mass Spectrometers Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 13. Global Portable Mass Spectrometers Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 14. Global Portable Mass Spectrometers Market by segment, estimates & forecasts, 2020-2030 (USD Million)

TABLE 15. Global Portable Mass Spectrometers Market by region, estimates & forecasts, 2020-2030 (USD Million)

TABLE 16. U.S. Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 17. U.S. Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 18. U.S. Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 19. Canada Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 20. Canada Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 21. Canada Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 22. UK Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 23. UK Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 24. UK Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 25. Germany Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 26. Germany Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 27. Germany Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 28. France Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 29. France Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 30. France Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 31. Italy Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 32. Italy Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 33. Italy Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 34. Spain Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 35. Spain Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 36. Spain Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 37. RoE Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 38. RoE Portable Mass Spectrometers Market estimates & forecasts by

segment 2020-2030 (USD Million)

TABLE 39. RoE Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 40. China Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 41. China Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 42. China Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 43. India Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 44. India Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 45. India Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 46. Japan Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 47. Japan Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 48. Japan Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 49. South Korea Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 50. South Korea Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 51. South Korea Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 52. Australia Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 53. Australia Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 54. Australia Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 55. RoAPAC Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 56. RoAPAC Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 57. RoAPAC Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 58. Brazil Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 59. Brazil Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 60. Brazil Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 61. Mexico Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 62. Mexico Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 63. Mexico Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 64. RoLA Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 65. RoLA Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 66. RoLA Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 67. Saudi Arabia Portable Mass Spectrometers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 68. South Africa Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 69. RoMEA Portable Mass Spectrometers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. List of secondary sources, used in the study of global Portable Mass Spectrometers Market

TABLE 71. List of primary sources, used in the study of global Portable Mass Spectrometers Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Portable Mass Spectrometers Market, research methodology
  - FIG 2. Global Portable Mass Spectrometers Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Portable Mass Spectrometers Market, key trends 2022
  - FIG 5. Global Portable Mass Spectrometers Market, growth prospects 2023-2030
  - FIG 6. Global Portable Mass Spectrometers Market, porters 5 force model
  - FIG 7. Global Portable Mass Spectrometers Market, pest analysis
  - FIG 8. Global Portable Mass Spectrometers Market, value chain analysis
  - FIG 9. Global Portable Mass Spectrometers Market by segment, 2020 & 2030 (USD Million)
  - FIG 10. Global Portable Mass Spectrometers Market by segment, 2020 & 2030 (USD Million)
  - FIG 11. Global Portable Mass Spectrometers Market by segment, 2020 & 2030 (USD Million)
  - FIG 12. Global Portable Mass Spectrometers Market by segment, 2020 & 2030 (USD Million)
  - FIG 13. Global Portable Mass Spectrometers Market by segment, 2020 & 2030 (USD Million)
  - FIG 14. Global Portable Mass Spectrometers Market, regional snapshot 2020 & 2030
  - FIG 15. North America Portable Mass Spectrometers Market 2020 & 2030 (USD Million)
  - FIG 16. Europe Portable Mass Spectrometers Market 2020 & 2030 (USD Million)
  - FIG 17. Asia pacific Portable Mass Spectrometers Market 2020 & 2030 (USD Million)
  - FIG 18. Latin America Portable Mass Spectrometers Market 2020 & 2030 (USD Million)
  - FIG 19. Middle East & Africa Portable Mass Spectrometers Market 2020 & 2030 (USD Million)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Portable Mass Spectrometers Market Size study & Forecast, by Type (Optical Spectrometer, Mass Spectrometer and Others), by Distribution Channel (Online, Offline), by Application (Life Sciences, Chemistry, Food & Agriculture, Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GDC982439CB9EN.html>

Price: US\$ 4,950.00 (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/GDC982439CB9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970