

# **Global Spectrometry Market Size study, by Type (Molecular Spectrometry, Mass Spectrometry (MS), Atomic Spectrometry) by Product (Instrument, Consumables, Services) by Application (Proteomics, Metabolomics, Pharmaceutical Analysis, Forensic Analysis, Others) by End-use (Government & Academic Institutions, Pharmaceutical & Biotechnology Companies, Others) and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Spectrometry Market is valued approximately USD 15.12 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 7.20 % over the forecast period 2022-2028. Spectrometry can be defined as a method utilized for studying and measuring a specific spectrum. It is largely used for the spectroscopic analysis of sample materials. Spectrometry is used across different industries such as Pharmaceuticals, Food & Beverages and Biotechnology companies for applications including testing of the drug, testing of food contamination, pesticide residue analysis, isotope ratio determination, protein identification, and carbon dating procedure. The growing number of contract research organizations (CROs) and increasing utilization of Spectrometry instruments in the Food & Beverage sector as well as strategic initiatives from leading market players are key factors driving the market growth. For Instance: according to Statista – during 2021, the total contract research organization (CRO) market worldwide was valued at USD 73.1 billion, and the global CRO market is projected to grow to USD 96 billion by 2024. Furthermore, leading market players are working towards new acquisitions to extend their market presence. For instance, in July 2021, Livingston, UK-based Techcomp Europe, a leader in life science equipment and

laboratory instruments completed the acquisition of Middlewich, the UK based Isotopx Limited. Isotopx specializes in manufacturing Thermal Ionization and Noble Gas Mass spectrometers. In addition, the company also offers services related to the repair, testing, and upgrading of electronic units. Also, the growing expansion of the Pharmaceutical & Biotechnology Sectors and increasing spending on research & development activities would create lucrative growth opportunities for the Spectrometry Market growth during the forecast period. However, the high cost associated with advanced Spectrometry instruments, as well as the dearth of skilled professionals impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Spectrometry Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region in terms of revenue owing to factors such as the presence of leading market players and the growing number of favourable initiatives from government authorities to promote pharmaceuticals & biotechnological research in the region. Whereas Asia Pacific is anticipated to be the fastest growing region during the forecast period owing to factors such as increasing penetration of Contract research organization (CRO) as well as rising pharmaceuticals sector in the region would create lucrative opportunities for the Global Spectrometry Market during the forecast period 2022-2028.

Major market player included in this report are:

Thermo Fisher Scientific, Inc.

PerkinElmer, Inc.

Agilent Technologies, Inc

Waters Corporation

Shimadzu Corporation

Bruker Corporation

JEOL, Ltd.

FLIR Systems, Inc.

Endress+Hauser

MKS Instruments, Inc

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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:

Molecular Spectrometry

Mass Spectrometry (MS)

Atomic Spectrometry

By Product:

Instrument

Consumables

Services

By Application:

Proteomics

Metabolomics

Pharmaceutical Analysis

Forensic Analysis

Others

By End-use:

Government & Academic Institutions

Pharmaceutical & Biotechnology Companies

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  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Spectrometry Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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