

# **Chromatography (Instruments, Accessories, And Consumables) Market – Global Opportunity Analysis And Industry Forecasts To 2022**

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## **Abstracts**

The global chromatography instruments, accessories, and consumables market is valued at \$9,043.2 million in 2017 and is expected to reach \$11,586.5 million by 2022, at a CAGR of 5.1% during the forecast period, driven by the increasing investment and funding for life sciences research, growing use of chromatography technique in drug approval, increased funding for chromatography technologies by regional governments, various technological advancements, and increasing investments by the major players in emerging markets.

Over the years, chromatography has evolved to become the method of choice for the analysis, identification, and purification of a wide variety of compounds. It is a widely used process that has found applications in different fields, such as pharmaceutical & biotechnology industries, academics and research institutes, food & beverage industries, environmental agencies, and hospitals and clinics. The applications of chromatography instruments and accessories have been increased in the last 40 years and continue to do so due to the increase in complex samples that require high-speed separation technologies.

The global chromatography market is segmented by various types of systems, consumables, and accessories. The market is further segmented by end users and geography. The systems market is classified into liquid chromatography, gas chromatography, supercritical fluid chromatography, and thin-layer chromatography. The liquid chromatography systems market dominated the overall market in 2016 and is also estimated to continue its dominance over the forecast period, owing to the growing application in food testing, and clinical research and molecular diagnostics, technological advancements, and growing research and development expenditure in

this field.

Global Chromatography Instruments Market size, By Type, 2017-2022 (USD million)

Chromatography Market Size

Source: Meticulous Research Analysis

Geographically, the global chromatography market is segmented into five major regions, namely North America, Europe, Asia-Pacific, Latin America, and the Middle East and Africa. These regions are further analyzed at a country level with the detailed qualitative and quantitative analysis. North America accounted for the major share in the global chromatography market in 2016, followed by Europe, and Asia-Pacific region. The major share of the North American region is mainly attributed to the growing biotechnology industry, high level strategic mergers and acquisitions, and adoption of new business models enabled by scientific and technology advances. On the other hand, Asia-Pacific region is projected to grow at a faster CAGR during the forecast period, as a result of many technological and healthcare reforms in these regions with improved economic conditions and positive approach of the government towards the life science and biotechnology sector.

Major players in the global chromatography market are Thermo Fisher Scientific Inc. (U.S.), Agilent Technologies (U.S.), Shimadzu Corporation (Japan), Waters Corporation (U.S.), PerkinElmer Inc. (U.S.), GL Sciences, Inc. (Japan), Novasep Holding S.A.S. (France), Jasco (U.S.), Bio-Rad Laboratories (U.S.), Bruker Corporation (U.S.), Danaher Corporation (U.S.), G.E Healthcare (U.K.), Tosoh Corporation (Japan), Scion Instruments (U.K.), Metrohm AG (Switzerland), KNAUER Wissenschaftliche Geräte GmbH (Germany), Restek Corporation (U.S.), Macherey-Nagel GmbH & Co KG (Germany), Hamilton Company (U.S.), Neta Scientific Inc. (U.S.), LECO Corporation (Australia), AECS-QUIKPREP Ltd (U.K.), SRI Instruments (U.S.), DANI Instruments, Inc. (U.S.), and Scientific Instruments Manufacturer GmbH (Germany).

Scope of the Report:

Chromatography Market, by System

Liquid Chromatography (LC) Systems

High-Pressure Liquid Chromatography (HPLC) Systems

Ultra-High-Pressure Liquid Chromatography (UHPLC) Systems

Flash Chromatography (FC) Systems

Medium-Pressure Liquid Chromatography (MPLC) Systems

Other Liquid Chromatography Systems

Gas Chromatography (GC) Systems

Supercritical Fluid Chromatography (SFC) Systems

Thin-Layer Chromatography (TLC) Systems

#### Chromatography Market, by Consumables

Columns

Syringe Filters

Vials

Tubing

Others

#### Chromatography Market, by Accessories

Detectors

Autosamplers

Pumps and flow meters

Fraction Collectors

Others

## Chromatography Market, by End User

Pharmaceutical & Biotechnology Industries

Academics and Research Institutes

Food & Beverage Industries

Hospitals/Clinics

Environmental Agencies

Others

## Chromatography Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

India

Rest of Asia-Pacific

Latin America

Middle East & Africa

#### Key questions answered in the report-

Which are the high-growth market segments in terms of systems, consumables, accessories, end users, and regions/countries?

What is the historical market for chromatography instruments market across the globe?

What are the market forecasts and estimates from the period 2015-2022?

What are the major drivers, restraints, and trends in the global chromatography instruments market?

Who are the major players in the global chromatography instruments market and what share of the market do they hold?

Who are the major players in various countries and what share of the market do they hold?

What are the competitive landscapes and who are the market leaders by sub-region in the global chromatography market?

What are the recent developments in the global chromatography market?

What are the different strategies adopted by the major players in the global chromatography market?

What are the geographical trends and high growth regions/ countries?

Who are the local emerging players in the global chromatography market and how do they compete with the global players?

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