

Chromatography Consumables Market by Product (Prepacked Columns [Analytical, Preparative], Vials, Tubing), Technology (HPLC, GC, UPLC), End User (Pharma, Biotech, Hospitals, F&B, Oil & Gas, Environmental Agencies) and Geography - Forecast to 2027

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Abstracts

Chromatography Consumables Market by Product (Prepacked Columns [Analytical, Preparative], Vials, Tubing), Technology (HPLC, GC, UPLC), End User (Pharma, Biotech, Hospitals, F&B, Oil & Gas, Environmental Agencies) and Geography - Forecast to 2027

The chromatography consumables market is expected to grow at a CAGR of 6.0% from 2020 to 2027 to reach \$3.64 billion by 2027.

Succeeding an extensive secondary and primary research and in-depth analysis of the market scenario, the report carries out the key industry drivers, restraints, challenges, and opportunities. The growth in the chromatography consumables market is mainly attributed to growing collaborations between academia and industry players, technological advancements in the chromatography market space, and rising R&D investments in the pharma and biotech space. In addition, the development of policies and initiatives to reduce pollution and rising food safety concerns are also positively impacting the market growth

Based on product, the columns segment is estimated to account for the largest share of the market in 2020. The large share of this segment is primarily attributed to factors such as the wide applications of chromatography across various industries and

environmental agencies, advancements in separation and analytical technologies such as HPLC and GC, and improvements in chromatography columns enabling higher speed and greater efficiency and inertness.

Based on technology, the chromatography consumables market is segmented into liquid chromatography, gas chromatography, and other technologies. In 2020, the liquid chromatography segment is estimated to account for the largest share of the chromatography consumables market due to technological developments in liquid chromatography methods and growth in biosimilars, generics, and CROs due to the rising need for drug development.

Based on end user, the chromatography consumables market is broadly segmented into academic & research institutes, pharmaceutical and biotechnology organizations, food & beverage organizations, hospitals & clinics, environmental agencies, oil & gas organizations, and other end users. In 2020, the pharmaceutical and biotechnology organizations segment is estimated to account for the largest share of the chromatography consumables market. The large share of this segment is primarily attributed to the increasing production of drug molecules, R&D investments in the pharmaceutical and biopharmaceutical industries, and growing collaborations of pharmaceutical and biotechnology companies with CROs.

An in-depth analysis of the chromatography consumables market's geographical scenario provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa) along with the coverage of major countries in each region. North America commanded the largest share of the global chromatography consumables market in 2020, followed by Europe, Asia-Pacific, Latin America, and Middle East & Africa.

Some of the key players operating in the chromatography consumables market are Merck KGaA(Germany), Bio-Rad Laboratories, Inc. (U.S.), Danaher Corporation (U.S.), Hitachi High-Tech Corporation (Japan), Bruker Corporation (U.S.), Agilent Technologies, Inc.(U.S.), Waters Corporation(U.S.), Thermo Fisher Scientific Inc. (U.S.), PerkinElmer, Inc. (U.S.), and Shimadzu Corporation (Japan).

Scope of the Report:

Global Chromatography Consumables Market, by Type

Columns

Chromatography Consumables Market by Product (Packed Columns [Analytical, Preparative], Vials, Tubing), Tec...

Pre-packed Columns

Analytical Columns

Preparative Columns

Empty Columns

Vials and Well Plates

Vials

Well Plates

Fittings & Tubing

Tubing

Tubing

Ferrules & Nuts

Valves & Gauges

Liners & Seals

Syringe Filters

Other Consumables

(Note: Other consumables include sample loops, fused silica adapters, methanizers, membranes, and disposable gas cylinders)

Global Chromatography Consumables Market, by Technology

Liquid Chromatography

HPLC

UPLC

Low-pressure Liquid Chromatography

Flash Chromatography

Others

Gas Chromatography

Other Technologies

(Note: Other technologies include thin-layer chromatography and gel permeation chromatography)

(Note: Other liquid technologies include partition chromatography and affinity chromatography)

Global Chromatography Consumables Market, by End User

Pharmaceutical & Biotechnology Industries

Academic & Research Institutes

Oil & Gas Industry

Hospital & Clinics

Food & Beverage Industry

Environmental Agencies

Other End Users

(Note: Other end users include forensic laboratories and organizations in the cosmetics

and fragrance industries)

Global Chromatography Consumables Market, by Geography

North America

U.S.

Canada

Europe

Germany

U.K.

France

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

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