

Prepacked Chromatography Columns Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global prepacked chromatography columns market size reached US\$ 1.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.9 Billion by 2028, exhibiting a growth rate (CAGR) of 8% during 2023-2028.

Prepacked chromatography columns refer to pre-filled columns used for the decontamination of specific chemical compounds from mixtures. They are commonly used for various chromatography procedures, such as ion exchange, hydrophobic stationary phase, multimodal, etc. They aid in managing the otherwise time-consuming and laborious process of packing the chromatography columns, thereby providing more time for processing the chemicals. They also eliminate the need to clean hardware and enable the users to test multiple chromatography resins for media evaluation at the same time. Owing to this, they find extensive applications in pharmaceutical, biotechnological, food and beverage and research applications.

Significant growth in the pharmaceutical industry, along with increasing product utilization in drug discovery and biological research, is one of the key factors creating a positive outlook for the market. Manufacturers are using prepackaged chromatography columns to produce vaccines and monoclonal antibodies that are cost-effective and can aid in treating rare and new diseases. Furthermore, widespread adoption of prepacked chromatography columns in the agriculture sector is also providing a boost to the market growth. They are used to analyze plant growth hormones and conduct pesticide residue analysis to ensure that the crops are free of contaminants. In the food and beverage industry, these columns are used to analyze volatile flavor components in



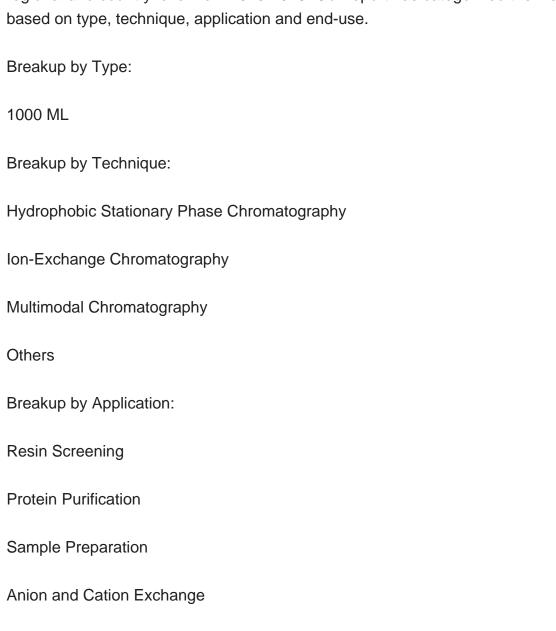
fresh and processed food products and conducting chemical studies of oxidative breakdown of fats and lipids by micro-organisms. Other factors, including the increasing demand for single-use products and extensive research and development (R&D) activities in biotechnology, are expected to drive the market further.

Key Market Segmentation:

Others

Breakup by End-Use:

IMARC Group provides an analysis of the key trends in each sub-segment of the global prepacked chromatography columns market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, technique, application and end-use.





Pharmaceutical and Biotechnology Companies
Research Laboratories
Water and Environmental
Food and Beverages
Others
Breakup by Region:
North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe

Germany



France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa
Competitive Landscape:
The report has also analysed the competitive landscape of the market with some of the key players being Agilent Technologies Inc., Bio-RAD Laboratories Inc., Knauer Wissenschaftliche Ger?te GmbH, Merck & Co. Inc., Pall Corporation (Danaher Corporation), Repligen Corporation, Shimadzu Corporation, Thermo Fisher Scientific Inc., Tosoh Corporation, Waters Corporation, etc.
Key Questions Answered in This Report:
How has the global prepacked chromatography columns market performed so far and how will it perform in the coming years?
What are the key regional markets?
What has been the impact of COVID-19 on the global prepacked chromatography

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columns market?



What is the breakup of the market based on the type?

What is the breakup of the market based on the technique?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end-use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global prepacked chromatography columns market and who are the key players?

What is the degree of competition in the industry?



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