

Global Flash Chromatography Market by Sales Type (Consumables and Systems), by Technique Type (Reverse Phase, Ion Exchange, Size Exclusion, Chiral Separation, and Others), by Component Type (Columns and Detectors), by End-Use Industry Type (Pharmaceutical, Biotechnology, Contract Research Organization, Academia, Chemical, and Others), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017-2022

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Abstracts

This report, from Stratview Research, studies the global flash chromatography market over the period 2017 to 2022. The report provides detailed insights into the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Flash Chromatography Market: Highlights

The global flash chromatography market was valued at US\$ 210.7 million in 2016 and is projected to grow at a healthy CAGR of 5.5% over the next five years to reach US\$ 294.1 million in 2022. Advancement in the chromatography technology including increased automation in the chromatography instruments, increasing demand for purification and filtration by the pharmaceutical and biotech companies and increasing government investments in the pharmaceutical and biotech industries are some of the major factors driving the growth of flash chromatography market during the forecast

period.

The global flash chromatography market is segmented based on sales type as systems and consumables. The consumables segment is projected to remain the largest in the total market during the forecast period. Rising complexity of the applications for flash chromatography demanded by the end users and rise in the procurement of advanced technology consumables for achieving the highest purification rate are the major growth drivers for consumables in the flash chromatography market.

Based on the technique type, the reverse phase occupied the highest share in the global flash chromatography market in 2016, driven by its varied applications and benefits. It is also projected to remain the most dominant and fastest-growing technique during the forecast period. Continuous increase in the procurement of reverse phase chromatography by the pharmaceutical and biotech companies for protein purification and increased usage of aqueous solutions for making the sample by major countries across the globe would remain the major growth drivers of this technique. Other major techniques are ion exchange, size exclusion and chiral separation.

Based on the end-use industry type, the global flash chromatography market is segmented as Pharmaceutical, Biotechnology, Contract Research Organization (CRO), Academia, Chemical, and other industries. Pharmaceutical industry is projected to remain the most dominant and fastest-growing segment of the flash chromatography market during the forecast period. The major applications of flash chromatography in the pharmaceutical and biotechnology industries, such as bile acid purification in lead generation in drug discovery, impurity isolation purification, and protein purification, are likely to propel the growth of the segment during the forecast period.

North America is expected to remain the largest market for flash chromatography market during 2017-2022, driven by higher procurement of analytical equipment and the presence of a large number of manufacturers in this region. Asia-Pacific is likely to witness the highest growth during the same period (2017-2022), owing to the rise in procurement of flash chromatography systems led by appraisals in government investments in Asian countries.

The supply chain of this market comprises raw material suppliers, flash chromatography system and consumable manufacturers and end-users. The component suppliers include companies, such as VWR and W R Grace and Company. These component suppliers provide the raw materials of flash chromatography to flash chromatography manufacturers, such as Biotage AB, Thermo Fisher Scientific Inc., Shimadzu

Corporation, PerkinElmer, Inc., GE Healthcare, Agilent Technologies, Inc., and Tosoh Corporation. The end-use industries include pharmaceutical, biotechnology, contract research organization, academia, chemicals and many other industries.

RESEARCH METHODOLOGY

Our reports offer high-quality insights and are the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 1,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. About 10 detailed primary interviews with the market players across the value chain in all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

REPORT FEATURES

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The Global Flash Chromatography Market is segmented into the following categories.

Global Flash Chromatography Market by Sales Type:

Systems (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Consumables (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Flash Chromatography Market by Technique Type:

Reverse Phase (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Ion Exchange (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Size Exclusion (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Chiral Separation (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Others (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Flash Chromatography Market by End-Use Industry Type:

Pharmaceutical (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Biotechnology (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Contract Research Organization (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Academia (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Chemical (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Others (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Flash Chromatography Market by Component Type:

Detectors (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Columns (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Flash Chromatography Market by Region

North America (Country Analysis: the USA, Canada, and Mexico)

Europe (Country Analysis: Germany, France, the UK, Russia, and Rest of Europe)

Asia-Pacific (Country Analysis: China, India, and Rest of Asia-Pacific)

Rest of the World (Country Analysis: The Middle East, Latin America, and Others)

REPORT CUSTOMIZATION OPTIONS

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

COMPANY PROFILING

Detailed profiling of additional market players (up to 3 players)

SWOT analysis of key players (up to 3 players)

MARKET SEGMENTATION

Current market segmentation of any one of the material types by defect class type

COMPETITIVE BENCHMARKING

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview research offers custom research services across sectors. In the case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your inquiry at sales@stratviewresearch.com.

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10.9 W R Grace and Company

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