

Global Chromatography Market 2018 Industry Key Players, Trends, Sales, Supply, Demand, Analysis & Forecast to 2024

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PUNE, INDIA, February 14, 2018 /EINPresswire.com/ -- [Chromatography Market](#):

Executive Summary

Chromatography is the one of the various separation techniques of analytical chemistry for the qualitative and quantitative separation of the sample mixture like biological or chemical compounds. The basic principle of the technique is that solute gets distributed between two phases- mobile phase and a stationary phase. The major technologies of this technique are Liquid Chromatography (LC), Gas Chromatography (GC), Supercritical Fluid Chromatography (SFC) and Thin Layer Chromatography. Chromatography has numerous applications across industries with major share in Pharma & Biotech industries. It is extensively used in biochemical research for the separation and detection of compounds of biological origin.

The global Chromatography market is poised to grow at a mid single digit CAGR to reach \$18,077.7 million by 2024. Chromatography market is mainly classified by Process type, Technology, Products and applications. The Chromatography global market is broadly classified as Preparative Chromatography and Process Chromatography based on Process type. Among preparative and process chromatography type, process chromatography occupied the major share in 2017 and is expected to grow at strong CAGR. Based on Technology, the market is classified into Liquid Chromatography (LC), Gas Chromatography, Supercritical Fluid Chromatography (SFC) and Thin Layer Chromatography (TLC). Among technology, liquid chromatography occupied the major share in 2017 and is expected to grow at a mid single digit CAGR. Liquid Chromatography market is further divide into High Performance Liquid Chromatography (HPLC), LC-MS and Other liquid chromatography technology. Among liquid chromatography global market, High Performance Liquid Chromatography (HPLC) market held the major share and LC-MS market is expected to grow at a highest CAGR.

Chromatography market is segmented on the basis of Products as Instruments, Consumables and Software & Services. Among chromatography products, consumables occupied the major share in 2017. Chromatography Instruments global market is further segmented into Systems, Detectors, Pumps and other instruments. Among Instrument segment, chromatography systems commanded the major share of revenue. Detectors market is further classified into Liquid Chromatography (LC) detectors, Gas Chromatography (GC) detectors and SFC detectors.

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Chromatography Consumables market is divided into Reagents, resins, columns and other

consumables. Among chromatography consumables, reagents occupied the major share of in 2017 and are expected to grow at a high single digit CAGR. Chromatography reagents market is further classified into Solvents, buffers, Derivatization Reagents and Ion-Pair reagents. Chromatography resins market is further segmented into Ion-exchange chromatography resins, Affinity chromatography resins, Hydrophobic Interaction chromatography (HIC) resins, Size Exclusion chromatography (SFC) resins and multimodal chromatography resins. Among chromatography resins, affinity chromatography resins held the maximum share in 2017.

Based on Technology, chromatography columns market is further divided into Liquid Chromatography (LC) columns, Gas Chromatography (GC) columns and SFC columns. LC columns occupied the major share of 62.5% in 2017 and are expected to grow at a strong CAGR. Based on packing type chromatography columns market is also segmented into pre-packed columns and empty columns. Among Chromatography Columns, by packing type, pre-packed columns held the major share in 2017.

Chromatography market application segment is classified into Pharma & Biotech Industries, environmental applications, food & beverage Industries, agricultural & chemical Industries, oil and petroleum industries and other applications. Among Chromatography applications, Pharma & Biotech Industries held the maximum share in 2017 and is expected to grow at a mid single digit CAGR.

Geographically, North America accounts for the highest market share followed by Asia-Pacific. The Asian countries especially China and India are the fastest growing regions. Asia-Pacific is projected to grow with a highest CAGR from 2017 to 2024.

Major players in Chromatography global market include Agilent Technologies Inc., (U.S.), Bio-Rad Laboratories (U.S.), Bruker Corporation (U.S.), Danaher Corporation (U.S.), GE Healthcare (U.S.), Merck KGaA (Germany), PerkinElmer Inc., (U.S.), Shimadzu Corporation (Japan), ThermoFisher Scientific (U.S.) and Waters Corporation (U.S.)

The report provides an in depth market analysis of the above mentioned segments across the following regions:

North America
Europe
Asia-Pacific
Rest of the World
Continuous...

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