

Global liquid chromatography instrument market is growing at CAGR of 7.5% and expected to reach US\$ 11,194.4 by 2027

Liquid Chromatography instruments Market by technique (HPLC, UHPLC, LPLC, FPLC), by type (instruments, consumables, services) by end users - Forecast to 2027

PUNE, MAHARASHTRA, INDIA, April 18, 2017 /EINPresswire.com/ -- Market Highlights



Major key Players include Agilent Technologies, Waters Corporation, Shimadzu Corp, PerkinElmer, Phenomenex, Bruker Corporation, Thermo fisher Scientific Inc."

Market Research Future

The global Liquid Chromatography instruments market has been evaluated as significantly growing market and it is expected that the market will continue to grow similarly in the near future. The global market for Liquid Chromatography instruments is expected to reach US\$ 11,194.4 by 2027. Liquid chromatography (LC) is an analytical chromatographic technique that is useful for separating ions or molecules that are dissolved in a solvent. LC is commonly used in preparative scale work to purify and isolate some components of a mixture. It is also used in ultra-trace separations where small disposable

columns are used once and then discarded. There are various instruments used in the technique including column, sensors and others. Various drivers leading to the growth of these instruments markets such as technological advancements, government investments, and others. Simultaneously other factors restricting the market growth includes high cost of instruments, government regulations, limited demand due to technological insufficiencies, and others. The market has so many opportunities and chances to grow in the future with the further advancement in technology, and developing economic condition and also the increasing use of technology in the segments in developing countries. global market for Liquid Chromatography instruments is growing continuously and expected to reach USD ~11 Billion by the end of 2027.

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Commenting on the report, an analyst from Market Research Future (MRFR)'s team said: The market for Liquid Chromatography instruments is growing and expected to continue its growth similarly in near future. [Global liquid chromatography instrument market](#) is growing at CAGR of 7.5% and expected to reach US\$ 11,194.4 by 2027. Liquid chromatography (LC) is an analytical chromatographic technique that is useful for separating ions or molecules that are dissolved in a

solvent. Instrumentation Simple liquid chromatography consists of a column with a fritted bottom that holds a motionless phase in equilibrium with a solvent. Conventional LC is commonly used in preparative scale work to purify and isolate some components of a mixture. It is also used in ultra-trace separations where small disposable columns are used once and then discarded. Major factors attributing to this success include technological advancement in chromatography instruments and increased automation, increasing demand in pharmaceutical and biotechnological companies, and also in drug discovery and screening of disorders. Also With latest progression in instrumentation from an variety of specialists and produces the utilization of Liquid chromatography has turned into an effective two-dimensional hyphenated innovation for the utilization in a wide grouping of expository and bio-analytical plans for the examination of nucleic acids, amino acids, peptides, proteins, starches, lipids, and etc. High cost of these instruments is the major factor restricting the market growth.

Key Players

- AC Analytical Controls BV (Netherlands),
- Thermo Fisher Scientific, Inc. (U.S.),
- Phenomenex, Inc. (U.S.),
- Agilent Technologies (U.S.),
- PerkinElmer, Inc. (U.S.),
- Shimadzu Corporation (Japan),
- Waters Corporation (U.S.),
- JASCO, Inc. (U.S.),
- Novasep Holding S.A.S. (France),
- Pall Corporation (U.S.),
- GL Sciences, Inc. (Japan).

Taste the market data and market information presented through more than 50 market data tables and figures spread in 110 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on "[Global Liquid chromatography Instruments Market Research Report - Forecast to 2027](#)"

Segments

On the basis of type

- High pressure liquid chromatography (HPLC)
- Ultra high pressure liquid chromatography (UHPLC)
- Low pressure liquid chromatography (LPLC)
- Liquid-solid chromatography
- Normal phase chromatography
- Reverse phase chromatography
- Flash chromatography
- Partition chromatography
- Ion chromatography
- Size exclusion chromatography

- Affinity chromatography
- Chiral chromatography.

On the basis End Users

- Biotechnology
- pharmaceuticals industries
- Hospitals
- research laboratories
- Agriculture industries
- others.

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Study Objectives of Liquid chromatography Instruments

- To provide detailed analysis of the market structure along with forecast for the next 10 years of the various segments and sub-segments of the global Liquid chromatography Instruments market
- To provide insights about factors affecting the market growth
- To Analyze the Liquid chromatography Instruments market based on various factors- price analysis, supply chain analysis, porters five force analysis etc.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- Americas, Europe, Asia, and Rest of the World (ROW)
- To provide country level analysis of the market with respect to the current market size and future prospective
- To provide country level analysis of the market for segment by Type, End Users and its sub-segments.
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market

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The market is divided into the following segments based on geography:

North America

Europe

Asia- Pacific

RoW

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