

Global Life Sciences and Analytical Instrumentation Market Outlook: 2016-2021

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Abstracts

The global market for life sciences and analytical instruments increased from \$34.80 billion in 2016 to \$48.48 billion by 2021. The last 5-6 years have been predominantly eventful for instrument companies with major mergers and acquisitions, partnerships, new product launches, and other business developments. With rising government spending on pharmaceutical R&D in emerging nations, increasing life science research and development expenditure, progressing drug discovery and clinical diagnostics field, technological advancements, emerging applications, growing aging populations, rising prevalence of chronic diseases, and changing demographics; numerous industry participants reported record sales primarily driven by the robust growth in emerging countries such as China, India, and Brazil. The increase in number of biotechnology firms worldwide, advances in life science research and technology innovations with human genome mapping, and emergence of proteomics have enabled industry growth; as such high-end research projects require quality instruments with high throughput capacity are fueling the life Science and analytical instrumentation market further. However, presence of alternative technologies and high cost of instruments are some of the key factors hampering the growth of this market.

The global life science and analytical instruments market is mainly segmented by product, end-user, and geography. Spectroscopy segment commanded the largest share in the global life science and analytical instruments market, followed by separation techniques such as liquid and gas chromatography. The comprehensive end-user analysis is provided in the report for each technology. The market is further segmented by geography into four major continents namely, North America, Europe, Asia-Pacific, and Rest of the World (RoW). These regions are further analyzed at a country level to provide the market size and forecast for each segment and sub-segment of the market in various countries across the globe. North America and Europe

have been in the forefront of acknowledging the need for life science and analytical instruments in biopharmaceuticals and pharmaceuticals, followed by Asia-Pacific, Latin America, and Middle East & Africa.

The U.S. accounted for the largest share in the global life science and analytical instruments market in 2015. The large share of this region can be attributed to the operating performance within an evolving regulatory and risk environment, ongoing pricing and cost pressures, and adoption of new business models enabled by scientific and technology advances in this country. On the other hand, emerging markets in Asia Pacific and Latin America region provides significant opportunities for the growth of this market as a result of many technological and healthcare reforms in these regions with improved economic conditions and positive approach of the government towards the life science and biotechnology sector.

The leading 40-50 life science and analytical instruments companies accounted for more than 70% share of the global market. These leading players further aims to expand in the global market through various mergers and acquisitions. key players in the global life science and analytical instrumentation market are Agilent Technologies, Inc. (U.S.), Becton, Dickinson and Company (U.S.), Bio-Rad Laboratories, Inc. (U.S.), Bruker Corporation (U.S.), Danaher Corporation (U.S.), F. Hoffmann-La Roche Ltd (Switzerland), PerkinElmer, Inc. (U.S.), Shimadzu Corporation (Japan), Thermo Fisher Scientific, Inc. (U.S.), and Waters Corporation (U.S.).

Key questions answered in the report-

Which are the high growth market segments in terms of life science and analytical instrumentation technologies, end users, regions, and countries?

What is the historical market for life science and analytical instruments across the globe?

What are the market forecasts and estimates from the period 2016-2021?

What are the major drivers, restrains, threats, and opportunities in the global life science and analytical instruments market?

What are the burning issues of the global life science and analytical instruments market?

Who are the major players in the global life science and analytical instruments market and what share of the market do they hold?

Who are the major players in various regions (North America, APAC, Europe, Latin America, and Middle East & Africa) and what share of the market do they hold?

What are the competitive landscapes and who are the market leaders by sub-region in the global life science and analytical instruments market?

What are the recent developments in the global life science and analytical instruments market?

What are the different strategies adopted by the major players in the global life science and analytical instruments market?

What are the geographical trends and high growth regions/ countries?

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