

Global Automation in Biopharmaceutical Industry Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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Abstracts

The global biopharmaceutical industry is the most rapidly growing industry in the science and technology sector owing to increasing R&D investments in biopharmaceutical drug development facilities. The global automation market in biopharmaceutical industry includes deployment of automation in biopharmaceutical academic research centers, manufacturing and research companies, clinical labs, and government approved labs.

Scope of the Report:

This report focuses on the Automation in Biopharmaceutical Industry in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

One trend in the market is continuous manufacturing. Advantages of continuous operations are well-recognized in various industries. It completes the process in a shorter time as it omits the hold steps, reduces shut down time, and reduces the labor requirement. Over the decades, upstream processing utilized this technology."

According to the report, one driver in the market is use of automation in data acquisition. Traditionally, research labs collect data manually and store it in spreadsheets. This method is not only time-consuming but also affects operational efficiency and is prone to errors. It also restricts monitoring of data in real time. The biopharmaceutical industry is working on data collection and adding the information from spreadsheets to a database. Database collection of upstream and downstream processes is being utilized to create a library that increases operational efficiency and process optimization.

Further, the report states that one challenge in the market is high R&D cost. The



biopharmaceutical industry is a rapidly growing industry in pharmaceuticals. Complex drugs are manufactured with the help of 3-D modeling and are produced with high efficacy and precision. These drugs can provide medication to medical issues that were once incurable. Currently, the biopharmaceutical industry is looking to yield new products to address diseases such as cancer, Alzheimer's disease, and hepatitis C. Innovations in the biopharmaceutical industry are highly expensive. The average cost associated with a new drug is around \$2 billion, including the cost of unsuccessful drug approvals, out of which almost \$400 million is the cost included in pre-clinical and clinical testing.

The worldwide market for Automation in Biopharmaceutical Industry is expected to grow at a CAGR of roughly 6.2% over the next five years, will reach 1410 million US\$ in 2023, from 1040 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Danaher

GE

PerkinElmer

Tecan Trading

Thermo Fisher Scientific

Bruker

Peak Analysis & Automation

Waters

Capsugel

RheoSense

Eirechrom

BioProcess International



Novasep

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Clinical stage automation

Drug discovery stage automation

Market Segment by Applications, can be divided into

Research and Development

Clinical

There are 15 Chapters to deeply display the global Automation in Biopharmaceutical Industry market.

Chapter 1, to describe Automation in Biopharmaceutical Industry Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of Automation in Biopharmaceutical Industry, with sales, revenue, and price of Automation in Biopharmaceutical Industry, in 2016 and 2017:

Chapter 3, to display the competitive situation among the top manufacturers, with sales,



revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Automation in Biopharmaceutical Industry, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Automation in Biopharmaceutical Industry market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Automation in Biopharmaceutical Industry sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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