

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Automation in Biopharmaceutical Industry Market 2018, 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

Contents

1 MARKET OVERVIEW

- 1.1 Automation in Biopharmaceutical Industry Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Clinical stage automation
 - 1.2.2 Drug discovery stage automation
- 1.3 Market Analysis by Applications
 - 1.3.1 Research and Development
 - 1.3.2 Clinical
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Danaher

2.1.1 Business Overview

2.1.1.1 Danaher Description

2.1.1.2 Danaher Headquarter, Main Business and Finance Overview

2.1.2 Danaher Automation in Biopharmaceutical Industry Product Introduction

2.1.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.1.2.2 Automation in Biopharmaceutical Industry Product Information

2.1.3 Danaher Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 Danaher Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global Danaher Automation in Biopharmaceutical Industry Market Share in 2017

2.2 GE

2.2.1 Business Overview

2.2.1.1 GE Description

2.2.1.2 GE Headquarter, Main Business and Finance Overview

2.2.2 GE Automation in Biopharmaceutical Industry Product Introduction

2.2.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.2.2.2 Automation in Biopharmaceutical Industry Product Information

2.2.3 GE Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 GE Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global GE Automation in Biopharmaceutical Industry Market Share in 2017

2.3 PerkinElmer

2.3.1 Business Overview

2.3.1.1 PerkinElmer Description

2.3.1.2 PerkinElmer Headquarter, Main Business and Finance Overview

2.3.2 PerkinElmer Automation in Biopharmaceutical Industry Product Introduction

2.3.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.3.2.2 Automation in Biopharmaceutical Industry Product Information

2.3.3 PerkinElmer Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 PerkinElmer Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global PerkinElmer Automation in Biopharmaceutical Industry Market Share in 2017

2.4 Tecan Trading

2.4.1 Business Overview

2.4.1.1 Tecan Trading Description

2.4.1.2 Tecan Trading Headquarter, Main Business and Finance Overview

2.4.2 Tecan Trading Automation in Biopharmaceutical Industry Product Introduction

2.4.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.4.2.2 Automation in Biopharmaceutical Industry Product Information

2.4.3 Tecan Trading Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Tecan Trading Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Tecan Trading Automation in Biopharmaceutical Industry Market Share in 2017

2.5 Thermo Fisher Scientific

2.5.1 Business Overview

2.5.1.1 Thermo Fisher Scientific Description

2.5.1.2 Thermo Fisher Scientific Headquarter, Main Business and Finance Overview

2.5.2 Thermo Fisher Scientific Automation in Biopharmaceutical Industry Product Introduction

2.5.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.5.2.2 Automation in Biopharmaceutical Industry Product Information

2.5.3 Thermo Fisher Scientific Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Thermo Fisher Scientific Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Thermo Fisher Scientific Automation in Biopharmaceutical Industry Market Share in 2017

2.6 Bruker

2.6.1 Business Overview

2.6.1.1 Bruker Description

2.6.1.2 Bruker Headquarter, Main Business and Finance Overview

2.6.2 Bruker Automation in Biopharmaceutical Industry Product Introduction

2.6.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions

and Major Competitors

2.6.2.2 Automation in Biopharmaceutical Industry Product Information

2.6.3 Bruker Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Bruker Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Bruker Automation in Biopharmaceutical Industry Market Share in 2017

2.7 Peak Analysis & Automation

2.7.1 Business Overview

2.7.1.1 Peak Analysis & Automation Description

2.7.1.2 Peak Analysis & Automation Headquarter, Main Business and Finance Overview

2.7.2 Peak Analysis & Automation Automation in Biopharmaceutical Industry Product Introduction

2.7.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.7.2.2 Automation in Biopharmaceutical Industry Product Information

2.7.3 Peak Analysis & Automation Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Peak Analysis & Automation Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Peak Analysis & Automation Automation in Biopharmaceutical Industry Market Share in 2017

2.8 Waters

2.8.1 Business Overview

2.8.1.1 Waters Description

2.8.1.2 Waters Headquarter, Main Business and Finance Overview

2.8.2 Waters Automation in Biopharmaceutical Industry Product Introduction

2.8.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

2.8.2.2 Automation in Biopharmaceutical Industry Product Information

2.8.3 Waters Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Waters Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Waters Automation in Biopharmaceutical Industry Market Share in 2017

2.9 Capsugel

- 2.9.1 Business Overview
 - 2.9.1.1 Capsugel Description
 - 2.9.1.2 Capsugel Headquarter, Main Business and Finance Overview
- 2.9.2 Capsugel Automation in Biopharmaceutical Industry Product Introduction
 - 2.9.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors
 - 2.9.2.2 Automation in Biopharmaceutical Industry Product Information
- 2.9.3 Capsugel Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.1 Capsugel Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.2 Global Capsugel Automation in Biopharmaceutical Industry Market Share in 2017
- 2.10 RheoSense
 - 2.10.1 Business Overview
 - 2.10.1.1 RheoSense Description
 - 2.10.1.2 RheoSense Headquarter, Main Business and Finance Overview
 - 2.10.2 RheoSense Automation in Biopharmaceutical Industry Product Introduction
 - 2.10.2.1 Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors
 - 2.10.2.2 Automation in Biopharmaceutical Industry Product Information
 - 2.10.3 RheoSense Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.1 RheoSense Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.2 Global RheoSense Automation in Biopharmaceutical Industry Market Share in 2017
- 2.11 Eirechrom
 - 2.11.1 Business Overview
 - 2.11.2 Eirechrom Automation in Biopharmaceutical Industry Product Introduction
 - 2.11.3 Eirechrom Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 BioProcess International
 - 2.12.1 Business Overview
 - 2.12.2 BioProcess International Automation in Biopharmaceutical Industry Product Introduction
 - 2.12.3 BioProcess International Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.13 Novasep

- 2.13.1 Business Overview
- 2.13.2 Novasep Automation in Biopharmaceutical Industry Product Introduction
- 2.13.3 Novasep Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Automation in Biopharmaceutical Industry Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Automation in Biopharmaceutical Industry Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Automation in Biopharmaceutical Industry Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Automation in Biopharmaceutical Industry Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Automation in Biopharmaceutical Industry Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY MARKET ANALYSIS BY REGIONS

- 4.1 Global Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Automation in Biopharmaceutical Industry Sales by Regions (2013-2018)
 - 4.1.2 Global Automation in Biopharmaceutical Industry Revenue by Regions (2013-2018)
- 4.2 North America Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Countries

5.1.1 North America Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

5.1.2 North America Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

5.1.3 United States Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

5.1.4 Canada Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

5.1.5 Mexico Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

5.2 North America Automation in Biopharmaceutical Industry Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Automation in Biopharmaceutical Industry Sales by Manufacturers (2016-2017)

5.2.2 North America Automation in Biopharmaceutical Industry Revenue by Manufacturers (2016-2017)

5.3 North America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Automation in Biopharmaceutical Industry Sales and Sales Share by Type (2013-2018)

5.3.2 North America Automation in Biopharmaceutical Industry Revenue and Revenue Share by Type (2013-2018)

5.4 North America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Automation in Biopharmaceutical Industry Sales and Sales Share by Application (2013-2018)

5.4.2 North America Automation in Biopharmaceutical Industry Revenue and Revenue Share by Application (2013-2018)

6 EUROPE AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Automation in Biopharmaceutical Industry Sales, Revenue and Market

Share by Countries

6.1.1 Europe Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

6.1.2 Europe Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

6.1.3 Germany Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

6.1.4 UK Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

6.1.5 France Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

6.1.6 Russia Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

6.1.7 Italy Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

6.2 Europe Automation in Biopharmaceutical Industry Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Automation in Biopharmaceutical Industry Sales by Manufacturers (2016-2017)

6.2.2 Europe Automation in Biopharmaceutical Industry Revenue by Manufacturers (2016-2017)

6.3 Europe Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Automation in Biopharmaceutical Industry Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Automation in Biopharmaceutical Industry Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Automation in Biopharmaceutical Industry Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Automation in Biopharmaceutical Industry Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

7.1.3 China Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

7.1.4 Japan Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

7.1.5 Korea Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

7.1.6 India Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Automation in Biopharmaceutical Industry Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Automation in Biopharmaceutical Industry Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Automation in Biopharmaceutical Industry Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Automation in Biopharmaceutical Industry Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Automation in Biopharmaceutical Industry Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Automation in Biopharmaceutical Industry Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Countries

8.1.1 South America Automation in Biopharmaceutical Industry Sales by Countries

(2013-2018)

8.1.2 South America Automation in Biopharmaceutical Industry Revenue by Countries

(2013-2018)

8.1.3 Brazil Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

8.1.4 Argentina Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

8.1.5 Colombia Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

8.2 South America Automation in Biopharmaceutical Industry Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Automation in Biopharmaceutical Industry Sales by Manufacturers (2016-2017)

8.2.2 South America Automation in Biopharmaceutical Industry Revenue by Manufacturers (2016-2017)

8.3 South America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Automation in Biopharmaceutical Industry Sales and Sales Share by Type (2013-2018)

8.3.2 South America Automation in Biopharmaceutical Industry Revenue and Revenue Share by Type (2013-2018)

8.4 South America Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Automation in Biopharmaceutical Industry Sales and Sales Share by Application (2013-2018)

8.4.2 South America Automation in Biopharmaceutical Industry Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

- 9.1.4 UAE Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)
- 9.1.5 Egypt Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Automation in Biopharmaceutical Industry Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 9.2.1 Middle East and Africa Automation in Biopharmaceutical Industry Sales by Manufacturers (2016-2017)
 - 9.2.2 Middle East and Africa Automation in Biopharmaceutical Industry Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Automation in Biopharmaceutical Industry Sales and Sales Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Automation in Biopharmaceutical Industry Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Application (2013-2018)
 - 9.4.1 Middle East and Africa Automation in Biopharmaceutical Industry Sales and Sales Share by Application (2013-2018)
 - 9.4.2 Middle East and Africa Automation in Biopharmaceutical Industry Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY MARKET SEGMENT BY TYPE

- 10.1 Global Automation in Biopharmaceutical Industry Sales, Revenue and Market Share by Type (2013-2018)
 - 10.1.1 Global Automation in Biopharmaceutical Industry Sales and Market Share by Type (2013-2018)
 - 10.1.2 Global Automation in Biopharmaceutical Industry Revenue and Market Share by Type (2013-2018)
- 10.2 Clinical stage automation Sales Growth and Price
 - 10.2.1 Global Clinical stage automation Sales Growth (2013-2018)
 - 10.2.2 Global Clinical stage automation Price (2013-2018)

10.3 Drug discovery stage automation Sales Growth and Price

10.3.1 Global Drug discovery stage automation Sales Growth (2013-2018)

10.3.2 Global Drug discovery stage automation Price (2013-2018)

11 GLOBAL AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY MARKET SEGMENT BY APPLICATION

11.1 Global Automation in Biopharmaceutical Industry Sales Market Share by Application (2013-2018)

11.2 Research and Development Sales Growth (2013-2018)

11.3 Clinical Sales Growth (2013-2018)

12 AUTOMATION IN BIOPHARMACEUTICAL INDUSTRY MARKET FORECAST (2018-2023)

12.1 Global Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2018-2023)

12.2 Automation in Biopharmaceutical Industry Market Forecast by Regions (2018-2023)

12.2.1 North America Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

12.2.2 Europe Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

12.2.3 Asia-Pacific Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

12.2.4 South America Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

12.2.5 Middle East and Africa Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

12.3 Automation in Biopharmaceutical Industry Market Forecast by Type (2018-2023)

12.3.1 Global Automation in Biopharmaceutical Industry Sales Forecast by Type (2018-2023)

12.3.2 Global Automation in Biopharmaceutical Industry Market Share Forecast by Type (2018-2023)

12.4 Automation in Biopharmaceutical Industry Market Forecast by Application (2018-2023)

12.4.1 Global Automation in Biopharmaceutical Industry Sales Forecast by Application (2018-2023)

12.4.2 Global Automation in Biopharmaceutical Industry Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Automation in Biopharmaceutical Industry Picture

Table Product Specifications of Automation in Biopharmaceutical Industry

Figure Global Automation in Biopharmaceutical Industry CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Automation in Biopharmaceutical Industry CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Automation in Biopharmaceutical Industry by Types in 2017

Figure Clinical stage automation Picture

Table Major Manufacturers of Clinical stage automation

Figure Drug discovery stage automation Picture

Table Major Manufacturers of Drug discovery stage automation

Figure Automation in Biopharmaceutical Industry Sales Market Share by Applications in 2017

Figure Research and Development Picture

Figure Clinical Picture

Figure United States Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure France Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure UK Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure China Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Automation in Biopharmaceutical Industry Revenue (Value) and Growth

Rate (2013-2023)

Figure Korea Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure India Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Automation in Biopharmaceutical Industry Revenue (Value) and Growth Rate (2013-2023)

Table Danaher Headquarter, Established, Main Business and Finance Overview (2017)

Table Danaher Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Danaher Automation in Biopharmaceutical Industry Product

Table Danaher Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Danaher Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Danaher Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table GE Headquarter, Established, Main Business and Finance Overview (2017)

Table GE Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table GE Automation in Biopharmaceutical Industry Product

Table GE Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global GE Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global GE Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table PerkinElmer Headquarter, Established, Main Business and Finance Overview (2017)

Table PerkinElmer Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table PerkinElmer Automation in Biopharmaceutical Industry Product

Table PerkinElmer Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global PerkinElmer Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global PerkinElmer Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Tecan Trading Headquarter, Established, Main Business and Finance Overview (2017)

Table Tecan Trading Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Tecan Trading Automation in Biopharmaceutical Industry Product

Table Tecan Trading Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Tecan Trading Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Tecan Trading Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Thermo Fisher Scientific Headquarter, Established, Main Business and Finance Overview (2017)

Table Thermo Fisher Scientific Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Thermo Fisher Scientific Automation in Biopharmaceutical Industry Product

Table Thermo Fisher Scientific Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Thermo Fisher Scientific Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Thermo Fisher Scientific Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Bruker Headquarter, Established, Main Business and Finance Overview (2017)

Table Bruker Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Bruker Automation in Biopharmaceutical Industry Product

Table Bruker Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Bruker Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Bruker Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Peak Analysis & Automation Headquarter, Established, Main Business and Finance Overview (2017)

Table Peak Analysis & Automation Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Peak Analysis & Automation Automation in Biopharmaceutical Industry Product

Table Peak Analysis & Automation Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Peak Analysis & Automation Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Peak Analysis & Automation Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Waters Headquarter, Established, Main Business and Finance Overview (2017)

Table Waters Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Waters Automation in Biopharmaceutical Industry Product

Table Waters Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Waters Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Waters Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Capsugel Headquarter, Established, Main Business and Finance Overview (2017)

Table Capsugel Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table Capsugel Automation in Biopharmaceutical Industry Product

Table Capsugel Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Capsugel Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global Capsugel Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table RheoSense Headquarter, Established, Main Business and Finance Overview (2017)

Table RheoSense Automation in Biopharmaceutical Industry Production Bases, Sales Regions and Major Competitors

Table RheoSense Automation in Biopharmaceutical Industry Product

Table RheoSense Automation in Biopharmaceutical Industry Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global RheoSense Automation in Biopharmaceutical Industry Sales Market Share in 2017

Figure Global RheoSense Automation in Biopharmaceutical Industry Revenue Market Share in 2017

Table Eirechrom

Table Eirechrom Automation in Biopharmaceutical Industry

Table BioProcess International

Table BioProcess International Automation in Biopharmaceutical Industry

Table Novasep

Table Novasep Automation in Biopharmaceutical Industry

Table Global Automation in Biopharmaceutical Industry Sales by Manufacturer (2016-2017)

Figure Global Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2016

Figure Global Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2017

Table Global Automation in Biopharmaceutical Industry Revenue by Manufacturer (2016-2017)

Figure Global Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2016

Figure Global Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2017

Table Global Automation in Biopharmaceutical Industry Price by Manufacturer (2016-2017)

Figure Top 3 Automation in Biopharmaceutical Industry Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Automation in Biopharmaceutical Industry Manufacturer (Revenue) Market Share in 2017

Figure Global Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Global Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales by Regions (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales Market Share by Regions (2013-2018)

Table Global Automation in Biopharmaceutical Industry Revenue by Regions (2013-2018)

Figure Global Automation in Biopharmaceutical Industry Revenue Market Share by Regions in 2013

Figure Global Automation in Biopharmaceutical Industry Revenue Market Share by Regions in 2017

Figure North America Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure North America Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Figure Europe Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Europe Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Figure South America Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure South America Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Figure North America Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales Market Share by Countries (2013-2018)

Figure North America Automation in Biopharmaceutical Industry Sales Market Share by Countries in 2013

Figure North America Automation in Biopharmaceutical Industry Sales Market Share by Countries in 2017

Table North America Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

Table North America Automation in Biopharmaceutical Industry Revenue Market Share by Countries (2013-2018)

Figure North America Automation in Biopharmaceutical Industry Revenue Market Share

by Countries in 2013

Figure North America Automation in Biopharmaceutical Industry Revenue Market Share by Countries in 2017

Figure United States Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Canada Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Mexico Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales by Manufacturer (2016-2017)

Figure North America Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2016

Figure North America Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2017

Table North America Automation in Biopharmaceutical Industry Revenue by Manufacturer (2016-2017)

Figure North America Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2016

Figure North America Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2017

Table North America Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales Share by Type (2013-2018)

Table North America Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table North America Automation in Biopharmaceutical Industry Revenue Share by Type (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales by Application (2013-2018)

Table North America Automation in Biopharmaceutical Industry Sales Share by Application (2013-2018)

Table North America Automation in Biopharmaceutical Industry Revenue by Application (2013-2018)

Table North America Automation in Biopharmaceutical Industry Revenue Share by Application (2013-2018)

Figure Europe Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales by Countries
(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales Market Share by
Countries (2013-2018)

Table Europe Automation in Biopharmaceutical Industry Revenue by Countries
(2013-2018)

Figure Europe Automation in Biopharmaceutical Industry Revenue Market Share by
Countries in 2016

Figure Europe Automation in Biopharmaceutical Industry Revenue Market Share by
Countries in 2017

Figure Germany Automation in Biopharmaceutical Industry Sales and Growth Rate
(2013-2018)

Figure UK Automation in Biopharmaceutical Industry Sales and Growth Rate
(2013-2018)

Figure France Automation in Biopharmaceutical Industry Sales and Growth Rate
(2013-2018)

Figure Russia Automation in Biopharmaceutical Industry Sales and Growth Rate
(2013-2018)

Figure Italy Automation in Biopharmaceutical Industry Sales and Growth Rate
(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales by Manufacturer
(2016-2017)

Figure Europe Automation in Biopharmaceutical Industry Sales Market Share by
Manufacturer in 2016

Figure Europe Automation in Biopharmaceutical Industry Sales Market Share by
Manufacturer in 2017

Table Europe Automation in Biopharmaceutical Industry Revenue by Manufacturer
(2016-2017)

Figure Europe Automation in Biopharmaceutical Industry Revenue Market Share by
Manufacturer in 2016

Figure Europe Automation in Biopharmaceutical Industry Revenue Market Share by
Manufacturer in 2017

Table Europe Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales Share by Type
(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table Europe Automation in Biopharmaceutical Industry Revenue Share by Type
(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales by Application

(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Sales Share by Application

(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Revenue by Application

(2013-2018)

Table Europe Automation in Biopharmaceutical Industry Revenue Share by Application

(2013-2018)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Revenue and Growth

Rate (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales by Countries

(2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales Market Share by

Countries (2013-2018)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Sales Market Share by

Countries 2017

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Countries

(2013-2018)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Revenue Market Share by

Countries 2017

Figure China Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

Figure Japan Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

Figure Korea Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

Figure India Automation in Biopharmaceutical Industry Sales and Growth Rate

(2013-2018)

Figure Southeast Asia Automation in Biopharmaceutical Industry Sales and Growth

Rate (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales by Manufacturer

(2016-2017)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Sales Market Share by

Manufacturer in 2016

Figure Asia-Pacific Automation in Biopharmaceutical Industry Sales Market Share by

Manufacturer in 2017

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Manufacturer

(2016-2017)

Figure Asia-Pacific Automation in Biopharmaceutical Industry Revenue Market Share by

Manufacturer in 2016

Figure Asia-Pacific Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales Share by Type (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue Share by Type (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales by Application (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Sales Share by Application (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue by Application (2013-2018)

Table Asia-Pacific Automation in Biopharmaceutical Industry Revenue Share by Application (2013-2018)

Figure South America Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales Market Share by Countries (2013-2018)

Figure South America Automation in Biopharmaceutical Industry Sales Market Share by Countries in 2017

Table South America Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

Table South America Automation in Biopharmaceutical Industry Revenue Market Share by Countries (2013-2018)

Figure South America Automation in Biopharmaceutical Industry Revenue Market Share by Countries in 2017

Figure Brazil Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Argentina Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Colombia Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales by Manufacturer

(2016-2017)

Figure South America Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2016

Figure South America Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2017

Table South America Automation in Biopharmaceutical Industry Revenue by Manufacturer (2016-2017)

Figure South America Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2016

Figure South America Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2017

Table South America Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales Share by Type (2013-2018)

Table South America Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table South America Automation in Biopharmaceutical Industry Revenue Share by Type (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales by Application (2013-2018)

Table South America Automation in Biopharmaceutical Industry Sales Share by Application (2013-2018)

Table South America Automation in Biopharmaceutical Industry Revenue by Application (2013-2018)

Table South America Automation in Biopharmaceutical Industry Revenue Share by Application (2013-2018)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales by Countries (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Sales Market Share by Countries in 2017

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue by Countries (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue Market Share by Countries in 2013

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue Market Share by Countries in 2017

Figure Saudi Arabia Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure UAE Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Egypt Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure Nigeria Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Figure South Africa Automation in Biopharmaceutical Industry Sales and Growth Rate (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Automation in Biopharmaceutical Industry Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Automation in Biopharmaceutical Industry Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales Share by Type (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue Share by Type (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales by Application (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Sales Share by Application (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue by

Application (2013-2018)

Table Middle East and Africa Automation in Biopharmaceutical Industry Revenue Share by Application (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales by Type (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales Share by Type (2013-2018)

Table Global Automation in Biopharmaceutical Industry Revenue by Type (2013-2018)

Table Global Automation in Biopharmaceutical Industry Revenue Share by Type (2013-2018)

Figure Global Clinical stage automation Sales Growth (2013-2018)

Figure Global Clinical stage automation Price (2013-2018)

Figure Global Drug discovery stage automation Sales Growth (2013-2018)

Figure Global Drug discovery stage automation Price (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales by Application (2013-2018)

Table Global Automation in Biopharmaceutical Industry Sales Share by Application (2013-2018)

Figure Global Research and Development Sales Growth (2013-2018)

Figure Global Clinical Sales Growth (2013-2018)

Figure Global Automation in Biopharmaceutical Industry Sales, Revenue and Growth Rate (2018-2023)

Table Global Automation in Biopharmaceutical Industry Sales Forecast by Regions (2018-2023)

Table Global Automation in Biopharmaceutical Industry Market Share Forecast by Regions (2018-2023)

Figure North America Sales Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

Figure Europe Sales Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

Figure Asia-Pacific Sales Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

Figure South America Sales Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

Figure Middle East and Africa Sales Automation in Biopharmaceutical Industry Market Forecast (2018-2023)

Table Global Automation in Biopharmaceutical Industry Sales Forecast by Type (2018-2023)

Table Global Automation in Biopharmaceutical Industry Market Share Forecast by Type (2018-2023)

Table Global Automation in Biopharmaceutical Industry Sales Forecast by Application (2018-2023)

Table Global Automation in Biopharmaceutical Industry Market Share Forecast by Application (2018-2023)

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