

Continuous Manufacturing Market In Pharmaceuticals & Biopharmaceuticals Size, Share & Trends Analysis Report By Therapeutics Type, By Application, By Formulation, By Mode, By Scale, By Product, And Segment Forecasts, 2021 - 2027

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Abstracts

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Continuous Manufacturing Market In Pharmaceuticals & Biopharmaceuticals Growth & Trends

The global continuous manufacturing market in pharmaceuticals and biopharmaceuticals size is expected to reach USD 2.3 billion by 2027, according to a new report by Grand View Research, Inc. It is expected to expand at a CAGR of 13.85% from 2021 to 2027. Although batch manufacturing is the dominant mode of product development within the pharma and biopharma industry, the companies have begun shifting their focus toward continuous manufacturing (CM). The key drivers for the transition from batch to continuous manufacturing include drug shortage, more stringent requirements for consistent quality, the need for reduced processing costs, and the demand for higher and improved productivity.

Regulatory authorities are increasingly supportive of this therapeutic development model. They are encouraging the adoption of CM through releasing drafts and guidelines. Moreover, the presence of communities and organizations that are devoted to the commercialization of this market within the pharma and biopharma sector is driving the revenue. CCP Summit 2020 is one of such summits that is engaged in exploring scientific and technological advancements to address the technology challenges and accelerate upfront investment in the market.

In addition, the growing demand for biosimilars and an ever-increasing pressure for reducing drug development costs have driven the interest of biopharma players in this space. With a plethora of research activities available on making individual unit operations continuous, studies are also conducted to explore the possibility of a continuous end-to-end development process. Ongoing research efforts in this area are anticipated to greatly favor the revenue growth in the coming years.

Based on mode, in-house pharmaceutical companies are anticipated to witness lucrative growth in the coming years owing to the shift of well-established pharma players toward the continuous manufacturing market. On the basis of scale, the clinical and preclinical scale manufacturing segments collectively captured a significant revenue share in 2020 owing to the easy integration of systems and a high number of ongoing R&D activities.

North America led the global market in 2020. This is attributed to the presence of key technology developers as well as high R&D expenditure in drug development by the end-users in the U.S. Key players are implementing various strategies to strengthen their product offerings and offer diverse technologically advanced products to accelerate therapeutics development.

Continuous Manufacturing Market In Pharmaceuticals & Biopharmaceuticals Report Highlights

In terms of therapeutics type, the pharmaceutical/small molecules segment dominated the market in 2020 owing to high technology penetration in this segment. The biopharmaceutical/large molecules segment is anticipated to witness lucrative growth owing to increasing investment in facility expansion to integrate CM systems

On the basis of application, finished product manufacturing led the market in 2020 owing to the established use of CM in finished product development due to the commercial cost and time-saving advantages of technology

By formulation, solid formulation dominated the market in 2020 owing to the maximum adoption of CM methodologies in solid drug production

Based on mode, the contract segment led the market in 2020 due to the ongoing demand, coupled with the increasing popularity of contract services. The

increasing investment in biosimilars production is expected to spur the use of CM technology within contract manufacturing organizations

By product, semi-continuous systems accounted for the maximum revenue share in 2020 owing to the increasing adoption of a hybrid model of manufacturing within small to medium-sized drug developers as well as major pharma companies

Contents

Table of contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Assumptions
 - 1.2.1 Estimates and Forecast Timeline
- 1.3 Research Methodology
- 1.4 Information Procurement
 - 1.4.1 Purchased database
 - 1.4.2 GVR's internal database
 - 1.4.3 Secondary sources
 - 1.4.4 Primary research
- 1.5 Information or Data Analysis
 - 1.5.1 Data analysis models
- 1.6 Market Formulation & Validation
- 1.7 Objectives
 - 1.7.1 Objective
 - 1.7.2 Objective

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Overview
- 2.2 Market Segmentation & Scope
- 2.3 Competitive Milieu
- 2.4 Market Snapshot, 2020

CHAPTER 3 INDUSTRY OUTLOOK

- 3.1 Market Lineage Outlook
- 3.2 Technology Overview
- 3.3 Regulatory Landscape
- 3.4 Penetration & Growth Prospect Mapping for Therapeutics Type, 2020
- 3.5 Market Trends and Outlook
- 3.6 Market Dynamics
 - 3.6.1 Market drivers analysis
 - 3.6.1.1 Commercial advantages of continuous manufacturing over batch

manufacturing

3.6.1.2 Favourable regulatory environment

3.6.1.3 Technological advancements coupled with facility expansions in the bioprocessing industry

3.6.2 Market restraint analysis

3.6.2.1 Presence of well-established infrastructure for batch manufacturing

3.6.2.2 High implementation cost

3.6.3 Market opportunities analysis

3.6.3.1 Rising pressure on drug developers to meet consumer's therapeutics demand

3.6.3.2 Expanding market in regions such as APAC and LATAM

3.6.4 Market challenge analysis

3.6.4.1 Challenges pertaining to continuous manufacturing

3.7 Market Analysis & Tools

3.7.1 Continuous Manufacturing Market in Pharmaceuticals & Biopharmaceuticals: SWOT Analysis; By Factor (Political & Legal, Economic and Technological)

3.7.2 Industry Porter's Analysis

3.8 COVID-19 Impact Analysis

3.8.1 Challenge analysis

3.8.2 Opportunity analysis

CHAPTER 4 COMPETITIVE ANALYSIS

4.1 Recent Developments & Impact Analysis, by Key Market Participants

4.2 Company/Competition Categorization

4.1.1 List of Key Players, by Region

4.1.2 List of Potential Key End Users, by Region

4.3 Public Companies

4.4 Private Companies

4.4.1 List of key emerging companies

4.5 Major Deals & Strategic Alliances Analysis

4.5.1.1 Mergers & acquisitions

4.5.2 Licensing & partnership

4.5.3 Technology collaborations

CHAPTER 5 THERAPEUTICS TYPE MOVEMENT ANALYSIS

5.1 Market in Pharmaceuticals & Biopharmaceuticals: Therapeutics Type Movement Analysis

5.2 Large Molecules

5.2.1 Market for large molecule, 2016 - 2027 (USD Million)

5.3 Small Molecules

5.3.1 Market for small molecule, 2016 - 2027 (USD Million)

CHAPTER 6 APPLICATION BUSINESS ANALYSIS

6.1 Market in Pharmaceuticals & Biopharmaceuticals: Application Movement Analysis

6.1.1 Finished Product Manufacturing

6.1.1.1 Market, 2016 - 2027 (USD Million)

6.1.2 API Manufacturing

6.1.2.1 Market, 2016 - 2027 (USD Million)

CHAPTER 7 FORMULATION BUSINESS ANALYSIS

7.1 Market in Pharmaceuticals & Biopharmaceuticals: Formulation Movement Analysis

7.2 Solid Formulation

7.2.1 Market, 2016 - 2027 (USD Million)

7.3 Liquid & Semi-solid Formulation Manufacturing

7.3.1 Market, 2016 - 2027 (USD Million)

CHAPTER 8 SCALE BUSINESS ANALYSIS

8.1 Market in Pharmaceuticals & Biopharmaceuticals: Scale Movement Analysis

8.2 Pre-clinical Scale

8.2.1 Market, 2016 - 2027 (USD Million)

8.3 Clinical Scale

8.3.1 Market, 2016 - 2027 (USD Million)

8.4 Commercial Scale

8.4.1 Market, 2016 - 2027 (USD Million)

CHAPTER 9 MODE BUSINESS ANALYSIS

9.1 Market in Pharmaceuticals & Biopharmaceuticals: Mode Movement Analysis

9.2 Contract Manufacturing

9.2.1 Market for CMOs, 2016 - 2027 (USD Million)

9.3 In-house

9.3.1 Market, 2016 - 2027 (USD Million)

CHAPTER 10 PRODUCT BUSINESS ANALYSIS

10.1 Continuous Manufacturing Market in Pharmaceuticals & Biopharmaceuticals:
Product Movement Analysis

10.2 Integrated Systems

10.2.1 Market, 2016 - 2027 (USD Million)

10.3 Semi-continuous Systems

10.3.1 Global semi-continuous systems-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.2 Continuous Granulators

10.3.2.1 Global continuous granulators-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.3 Continuous Blenders

10.3.3.1 Global continuous blenders-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.4 Continuous Compressors

10.3.4.1 Global continuous compressors-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.5 Continuous Coaters

10.3.5.1 Global continuous coaters-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.6 Continuous Dryers

10.3.6.1 Global continuous dryers-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.3.7 Other Semi-continuous Systems

10.3.7.1 Global other semi-continuous systems-based continuous manufacturing market, 2016 - 2027 (USD Million)

10.4 Others

10.4.1 Global other products-based continuous manufacturing market, 2016 - 2027 (USD Million)

CHAPTER 11 REGIONAL BUSINESS ANALYSIS

11.1 Market in Pharmaceuticals & Biopharmaceuticals Share by Regional, 2020 & 2027

11.2 North America

11.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

11.2.2 U.S.

11.2.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by

therapeutics type, 2016 - 2027 (USD Million)

11.2.2.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.2.2.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.2.2.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.2.2.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.2.2.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.2.3 Canada

11.2.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.2.3.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.2.3.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.2.3.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.2.3.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.2.3.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.3 Europe

11.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

11.3.2 Germany

11.3.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.3.2.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.3.2.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.3.2.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.3.2.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.3.2.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by

product, 2016 - 2027 (USD Million)

11.3.3 U.K.

11.3.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.3.3.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.3.3.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.3.3.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.3.3.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.3.3.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.3.4 France

11.3.4.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.3.4.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.3.4.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.3.4.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.3.4.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.3.4.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.3.5 Italy

11.3.5.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.3.5.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.3.5.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.3.5.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.3.5.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.3.5.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by

product, 2016 - 2027 (USD Million)

11.3.6 Spain

11.3.6.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.3.6.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.3.6.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.3.6.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.3.6.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.3.6.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.4 Asia Pacific

11.4.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

11.4.2 Japan

11.4.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.4.2.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.4.2.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.4.2.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.4.2.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.4.2.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.4.3 China

11.4.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.4.3.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.4.3.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.4.3.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.4.3.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.4.3.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.4.4 India

11.4.4.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.4.4.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.4.4.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.4.4.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.4.4.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.4.4.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.4.5 South Korea

11.4.5.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.4.5.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.4.5.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.4.5.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.4.5.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.4.5.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.5 Latin America

11.5.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

11.5.2 Brazil

11.5.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.5.2.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.5.2.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by

formulation, 2016 - 2027 (USD Million)

11.5.2.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.5.2.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.5.2.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.5.3 Mexico

11.5.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.5.3.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.5.3.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.5.3.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.5.3.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.5.3.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.6 Middle East and Africa (MEA)

11.6.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

11.6.2 South Africa

11.6.2.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.6.2.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.6.2.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.6.2.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.6.2.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.6.2.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

11.6.3 Saudi Arabia

11.6.3.1 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by therapeutics type, 2016 - 2027 (USD Million)

11.6.3.2 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by application, 2016 - 2027 (USD Million)

11.6.3.3 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by formulation, 2016 - 2027 (USD Million)

11.6.3.4 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by scale, 2016 - 2027 (USD Million)

11.6.3.5 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by mode, 2016 - 2027 (USD Million)

11.6.3.6 Market in pharmaceuticals & biopharmaceuticals estimates and forecast, by product, 2016 - 2027 (USD Million)

CHAPTER 12 COMPETITIVE LANDSCAPE

12.1 Strategy Framework

12.2 Company Categorization

12.3 Company Profiles

12.3.1 Thermo Fisher Scientific, Inc.

12.3.1.1 Company overview

12.3.1.2 Advanced Scientifics, Inc.

12.3.1.2.1 Company overview

12.3.1.3 Finesse

12.3.1.3.1 Company overview

12.3.1.4 Patheon

12.3.1.4.1 Company overview

12.3.1.5 Financial performance

12.3.1.6 Product benchmarking

12.3.1.7 Strategic initiatives

12.3.2 Danaher Corporation

12.3.2.1 Company overview

12.3.2.2 Pall Corporation

12.3.2.2.1 Company overview

12.3.2.3 Financial performance

12.3.2.4 Product Benchmarking

12.3.2.5 Strategic initiatives

12.3.3 Applikon Biotechnology

12.3.3.1 Company overview

12.3.3.2 Financial performance

12.3.3.3 Product Benchmarking

12.3.3.4 Strategic initiatives

- 12.3.4 Sartorius Stedim Biotech
 - 12.3.4.1 Company overview
 - 12.3.4.2 Financial performance
 - 12.3.4.3 Product benchmarking
 - 12.3.4.4 Strategic initiatives
- 12.3.5 GEA Group aktiengesellschaft
 - 12.3.5.1 Company overview
 - 12.3.5.2 Financial performance
 - 12.3.5.3 Product benchmarking
 - 12.3.5.4 Strategic initiatives
- 12.3.6 Corning Incorporated
 - 12.3.6.1 Company overview
 - 12.3.6.2 Financial performance
 - 12.3.6.3 Product benchmarking
 - 12.3.6.4 Strategic initiatives
- 12.3.7 Merck KGaA
 - 12.3.7.1 Company overview
 - 12.3.7.2 Sigma-Aldrich Co. LLC
 - 12.3.7.3 Financial performance
 - 12.3.7.4 Product benchmarking
 - 12.3.7.5 Strategic initiatives
- 12.3.8 Glatt GmbH
 - 12.3.8.1 Company overview
 - 12.3.8.2 Financial performance
 - 12.3.8.3 Product benchmarking
 - 12.3.8.4 strategic initiatives
- 12.3.9 Repligen corporation
 - 12.3.9.1 Company overview
 - 12.3.9.2 Financial performance
 - 12.3.9.3 Product benchmarking
 - 12.3.9.4 strategic initiatives
- 12.3.10 Eppendorf AG
 - 12.3.10.1 Company overview
 - 12.3.10.2 Financial performance
 - 12.3.10.3 product benchmarking
 - 12.3.10.4 strategic initiatives
- 12.3.11 Electrolab Biotech Ltd.
 - 12.3.11.1 Company overview
 - 12.3.11.2 Financial performance

- 12.3.11.3 product benchmarking
- 12.3.11.4 strategic initiatives
- 12.3.12 Solesis medical
 - 12.3.12.1 Company overview
 - 12.3.12.2 Charter medical
 - 12.3.12.2.1 Company overview
 - 12.3.12.3 Financial performance
 - 12.3.12.4 product benchmarking
 - 12.3.12.5 strategic initiatives
- 12.3.13 Scott equipment company
 - 12.3.13.1 Company overview
 - 12.3.13.2 Financial performance
 - 12.3.13.3 Product benchmarking
 - 12.3.13.4 strategic initiatives
- 12.3.14 L.B. BOHLE (Korsch ag)
 - 12.3.14.1 Company overview
 - 12.3.14.2 Financial performance
 - 12.3.14.3 Product benchmarking
 - 12.3.14.4 strategic initiatives
- 12.3.15 Lonza Group AG
 - 12.3.15.1 Company overview
 - 12.3.15.2 Financial performance
 - 12.3.15.3 Product benchmarking
 - 12.3.15.4 strategic initiatives
- 12.3.16 3M
 - 12.3.16.1 Company overview
 - 12.3.16.2 Financial performance
 - 12.3.16.3 Product benchmarking
 - 12.3.16.4 strategic initiatives
- 12.3.17 Cellgenix GmbH
 - 12.3.17.1 Company overview
 - 12.3.17.2 Financial performance
 - 12.3.17.3 Product benchmarking
 - 12.3.17.4 strategic initiatives
- 12.3.18 Boehringer Ingelheim International GmbH
 - 12.3.18.1 Company overview
 - 12.3.18.2 Financial performance
 - 12.3.18.3 Product benchmarking
 - 12.3.18.4 strategic initiatives

12.3.19 Bio-Rad Laboratories, Inc.

- 12.3.19.1 Company overview
- 12.3.19.2 Financial performance
- 12.3.19.3 Product benchmarking
- 12.3.19.4 strategic initiatives

12.3.20 Avantor, Inc.

- 12.3.20.1 Company overview
- 12.3.20.2 Financial performance
- 12.3.20.3 Product benchmarking
- 12.3.20.4 strategic initiatives

12.3.21 Ajinomoto Bio-Pharma

- 12.3.21.1 Company overview
- 12.3.21.2 Financial performance
- 12.3.21.3 Product benchmarking
- 12.3.21.4 Strategic Initiatives

12.3.22 GlaxoSmithKline

- 12.3.22.1 Company overview
- 12.3.22.2 Financial performance
- 12.3.22.3 Product Benchmarking
- 12.3.22.4 Strategic Initiatives:

12.3.23 Continuus Pharmaceuticals

- 12.3.23.1 Company overview
- 12.3.23.2 Financial performance
- 12.3.23.3 Product Benchmarking
- 12.3.23.4 Strategic Initiatives:

12.3.24 Arcinova

- 12.3.24.1 Company overview
- 12.3.24.2 Financial performance
- 12.3.24.3 Product Benchmarking

12.3.25 Amgen

- 12.3.25.1 Company overview
- 12.3.25.2 Financial performance
- 12.3.25.3 Product benchmarking
- 12.3.25.4 Strategic Initiatives

List Of Tables

LIST OF TABLES

TABLE 1 List of sources

TABLE 2 Comparison between batch processing and continuous processing

TABLE 3 Enablers of Continuous Manufacturing

TABLE 4 Recent efforts to make various upstream and downstream unit operations continuous

TABLE 5 List of private companies

TABLE 6 FDA-approved continuous manufactured products

TABLE 7 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 8 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 9 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 10 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 11 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 12 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 13 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 14 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 15 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 16 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 17 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 18 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 19 U.S. continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 20 U.S. continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 21 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 22 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 23 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 24 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 25 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 26 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 27 Canada continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 28 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 29 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 30 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 31 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 32 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 33 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 34 Europe continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 35 Germany continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 36 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 37 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 38 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 39 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 40 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 41 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 42 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 43 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 44 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 45 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 46 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 47 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 48 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 49 France continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 50 France continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 51 France continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 52 France continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 53 France continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 54 France continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 55 France continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 56 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 57 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 58 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 59 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 60 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 61 Italy continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 62 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 63 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 64 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 65 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 66 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 67 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 68 Spain continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 69 Asia Pacific continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 70 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 71 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 72 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 73 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 74 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 75 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 76 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 77 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 78 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 79 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 80 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 81 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 82 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 83 China continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 84 China continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 85 China continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 86 China continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 87 China continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 88 China continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 89 China continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 90 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 91 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 92 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 93 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 94 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 95 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 96 India continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 97 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 98 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 99 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 100 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 101 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 102 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 103 South Korea continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 104 Latin America continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 105 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 106 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 107 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 108 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 109 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 110 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 111 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 112 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 113 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 114 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 115 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 116 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 117 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 118 Mexico continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 119 Mexico continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 120 Mexico continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 121 Mexico continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 122 Mexico continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 123 Mexico continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 124 Mexico continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 125 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 126 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 127 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 128 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 129 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 130 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 131 MEA continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

TABLE 132 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 133 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 134 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 135 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 136 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 137 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 138 South Africa continuous manufacturing market in pharmaceuticals &

biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027

(USD Million)

TABLE 139 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by therapeutics type, 2016 - 2027 (USD Million)

TABLE 140 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by application, 2016 - 2027 (USD Million)

TABLE 141 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by formulation, 2016 - 2027 (USD Million)

TABLE 142 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by mode, 2016 - 2027 (USD Million)

TABLE 143 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by scale, 2016 - 2027 (USD Million)

TABLE 144 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by product, 2016 - 2027 (USD Million)

TABLE 145 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecasts, by semi-continuous systems, 2016 - 2027 (USD Million)

List Of Figures

LIST OF FIGURES

- FIG. 1 Market research process
- FIG. 2 Data triangulation techniques
- FIG. 3 Primary research pattern
- FIG. 4 Market research approaches
- FIG. 5 Value-chain-based sizing & forecasting
- FIG. 6 QFD modeling for market share assessment
- FIG. 7 Market formulation & validation
- FIG. 8 Batch versus continuous manufacturing
- FIG. 9 Market segmentation & scope
- FIG. 10 Market snapshot (USD Million)
- FIG. 11 Penetration & growth prospect mapping for therapeutics type, 2020
- FIG. 12 Market trends & outlook
- FIG. 13 Market driver relevance analysis (Current & future impact)
- FIG. 14 Market restraint relevance analysis (Current & future impact)
- FIG. 15 Selected data concerns over perfusion processes vs. batch-fed processes in bioprocessing
- FIG. 16 Limitations of continuous manufacturing
- FIG. 17 SWOT analysis, by factor (Political & legal, economic, and technological)
- FIG. 18 Porter's Five Forces Analysis
- FIG. 19 Company/Competition Categorization
- FIG. 20 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Therapeutics type outlook and key takeaways
- FIG. 21 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Therapeutics type movement analysis
- FIG. 22 Global continuous manufacturing market for large molecules, 2016 - 2027 (USD million)
- FIG. 23 Global continuous manufacturing market for small molecules, 2016 - 2027 (USD million)
- FIG. 24 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Application outlook and key takeaways
- FIG. 25 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Application movement analysis
- FIG. 26 Global finished product manufacturing market, 2016 - 2027 (USD million)
- FIG. 27 Global API manufacturing market, 2016 - 2027 (USD million)
- FIG. 28 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Formulation outlook and key takeaways

FIG. 29 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Formulation movement analysis

FIG. 30 Global solid dosage manufacturing market, 2016 - 2027 (USD million)

FIG. 31 Global liquid & semi-solid formulation market, 2016 - 2027 (USD million)

FIG. 32 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Scale outlook and key takeaways

FIG. 33 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Scale movement analysis

FIG. 34 Global pre-clinical scale continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 35 Global clinical scale continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 36 Global commercial scale continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 37 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Mode outlook and key takeaways

FIG. 38 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Mode movement analysis

FIG. 39 Global continuous manufacturing market for CMOs, 2016 - 2027 (USD Million)

FIG. 40 Global in-house continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 41 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Product outlook and key takeaways

FIG. 42 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals:

Product movement analysis

FIG. 43 Global integrated systems-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 44 Global semi-continuous systems-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 45 Global continuous granulators-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 46 Global continuous blenders-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 47 Global continuous compressors-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 48 Global continuous coaters-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 49 Global continuous dryers-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 50 Global other semi-continuous systems-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 51 Global others products-based continuous manufacturing market, 2016 - 2027 (USD Million)

FIG. 52 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Regional outlook and key takeaways

FIG. 53 Continuous manufacturing market in pharmaceuticals & biopharmaceuticals: Regional movement analysis, 2020 and 2027

FIG. 54 North America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 55 U.S. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 56 Canada continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 57 Europe continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 58 Germany continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 59 U.K. continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 60 France continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 61 Italy continuous manufacturing market estimates and forecast, 2016 - 2027 (USD Million)

FIG. 62 Spain continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 63 Asia Pacific continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 64 Japan continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 65 Number of API manufacturing facilities for all regulated drugs, 2020

FIG. 66 China continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 67 India continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 68 South Korea continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

FIG. 69 Latin America continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)

- FIG. 70 Brazil continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)
- FIG. 71 Mexico continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)
- FIG. 72 MEA continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)
- FIG. 73 South Africa continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)
- FIG. 74 Saudi Arabia continuous manufacturing market in pharmaceuticals & biopharmaceuticals estimates and forecast, 2016 - 2027 (USD Million)
- FIG. 75 Strategy framework
- FIG. 76 Company categorization

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