

Continuous Bioprocessing Market by Product (Filtration, Chromatography, Centrifuges, Consumables), Application (Commercial {Vaccines, Monoclonal Antibodies}, R&D), End User (Pharmaceuticals, Biotechnology, CROs), and Geography - Forecast to 2028

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Abstracts

Continuous Bioprocessing Market by Product (Filtration, Chromatography, Centrifuges, Consumables), Application (Commercial {Vaccines, Monoclonal Antibodies}, R&D), End User (Pharmaceuticals, Biotechnology, CROs), and Geography - Forecast to 2027

The global continuous bioprocessing market is expected to grow at a CAGR of 23.0% from 2020 to 2027 to reach \$348.9 million by 2027.

Succeeding extensive secondary and primary research and in-depth analysis of the market scenario, the report carries out the key industry drivers, restraints, challenges, and opportunities. Some of the major factors driving this market's growth include the growing demand for biopharmaceuticals, technological developments in continuous bioprocessing, product launches in the area of continuous bioprocessing, and global initiatives supporting the adoption of biopharmaceuticals. The growing shift towards the bioprocess 4.0 industry, growing opportunities in developing countries, and rising preference for personalized medicine are expected to create significant market growth opportunities.

Based on product, the filtration systems and consumables segment accounted for the largest share of the market in 2020. The growing demand for higher standards of filter operations in biopharma manufacturing is one of the major drivers for the growth of this

segment. Filter manufacturers are developing filtration technologies for continuous bioprocessing to achieve both separation and purification through a combination of physical removal capabilities of filtration and size exclusion.

Based on application, the research and development segment is expected to grow at the highest CAGR during the forecast period. The rising focus of R&D to develop vaccines and suitable therapies for COVID-19 and growing relevance of mAb manufacturing for the treatment of various diseases are driving the market growth. The R&D in cell and gene therapy is also accelerated, with over 900 candidates in clinical studies. Facility expansions of CROs or CDMOs to advance research in these areas are expected to boost market growth.

Based on end user, the CDMOs and CROs segment is expected to grow at the highest CAGR during the forecast period. Rising investments in CDMOs and CROs and the gradual shifting of CDMOs from batch to continuous manufacturing are driving the market growth.

An in-depth analysis of the continuous bioprocessing market's geographical scenario provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa) along with the coverage of major countries in each region. In 2020, North America commanded the largest share of the global continuous bioprocessing market, followed by Europe, Asia-Pacific, Latin America, and the Middle East & Africa. The factors such as an established healthcare system in North America, greater adoption of advanced technologies, growth in pharmaceutical research & development, and strong presence of key players are contributing to the largest share of this region.

Some of the key players operating in the global continuous bioprocessing market are 3M (U.S.), Cytiva (U.S.), Thermo Fisher Scientific, Inc. (U.S.), Merck KGaA (Germany), Sartorius AG (Germany), Repligen Corporation (U.S.), Eppendorf AG (Germany), Applikon Biotechnology (Netherlands), Pall Corporation (U.S.), and Bionet (Spain).

Scope of the Report:

Global Continuous Bioprocessing Market, by Product

Filtration Systems and Consumables

Chromatography Systems and Consumables

Bioreactors

Sterilizers

Centrifuges

Incubators and Shakers

Mixing systems

Cell Culture Media, Buffers, and Reagents

Other instruments and consumables

Global Continuous Bioprocessing Market, by Application

Commercial

Vaccines

mAb production

Recombinant Protein Production

Cell and Gene Therapy Production

R&D

Global Continuous Bioprocessing Market, by End User

Pharmaceutical and Biotechnology Companies

Contract Development and Manufacturing Organizations and Contract Research Organizations

Academic and Research Institutes

Global Continuous Bioprocessing Market, by Geography

North America

U.S.

Canada

Europe

Germany

U.K.

France

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

Contents

1 INTRODUCTION

- 1.1. Market Definition
- 1.2. Market Ecosystem
- 1.3. Currency
- 1.4. Key Stakeholders

2 RESEARCH METHODOLOGY

- 2.1. Research Process
- 2.2. Data Collection & Validation
 - 2.2.1. Secondary Research
 - 2.2.2. Primary Research
- 2.3. Market Assessment
 - 2.3.1. Market Size Estimation
 - 2.3.1.1. Bottom-Up Approach
 - 2.3.1.2. Top-Down Approach
 - 2.3.1.3. Growth Forecast
- 2.4. Assumptions for the Study
- 2.5. Limitations for the Study

3 EXECUTIVE SUMMARY

4 MARKET INSIGHTS

- 4.1. Introduction
- 4.2. Drivers
 - 4.2.1. The Gradual Adoption of Continuous Manufacturing
 - 4.2.2. Recent Product Launches and Advances in the Continuous Bioprocessing Space
 - 4.2.3. Global Initiatives Supporting the Adoption of Biopharmaceuticals
- 4.3. Restraint
 - 4.3.1. The Limitations of Continuous Bioprocessing
- 4.4. Opportunities
 - 4.4.1. The Shift Towards Bioprocessing 4.0
 - 4.4.2. Untapped Markets in Developing Countries
 - 4.4.3. The Rising Adoption of Personalized Medicines

4.5. Challenges

4.5.1. Manufacturers' Reluctance to Shift from Batch Manufacturing to Continuous Manufacturing

4.6. Market Trends

4.6.1. Growth in the Use of Single-Use Technologies in Bioprocessing

4.7. Covid-19 Impact Analysis

5 GLOBAL CONTINUOUS BIOPROCESSING MARKET, BY PRODUCT

5.1. Introduction

5.2. Filtration Systems and Consumables

5.3. Chromatography Systems and Consumables

5.4. Cell Culture Media, Buffers, and Reagents

5.5. Incubators and Shakers

5.6. Bioreactors

5.7. Centrifuges

5.8. Sterilizers

5.9. Other Instruments and Consumables

6 GLOBAL CONTINUOUS BIOPROCESSING MARKET, BY APPLICATION

6.1. Introduction

6.2. Commercial Applications

6.2.1. Monoclonal Antibodies (mAb) Production

6.2.2. Cell and Gene therapy Production

6.2.3. Vaccine Manufacturing

6.2.4. Plasma Fractionation

6.2.5. Recombinant Protein Production

6.3. Research & Development (R&D)

7 GLOBAL CONTINUOUS BIOPROCESSING MARKET, BY END USER

7.1. Introduction

7.2. Pharmaceutical and Biotechnology Companies

7.3. Contract Development and Manufacturing Organizations (CDMOs) and Contract Research Organizations (CROs)

7.4. Academic and Research Institutes

8 CONTINUOUS BIOPROCESSING MARKET, BY GEOGRAPHY

- 8.1. Introduction
- 8.2. North America
 - 8.2.1. U.S.
 - 8.2.2. Canada
- 8.3. Europe
 - 8.3.1. Germany
 - 8.3.2. U.K
 - 8.3.3. France
 - 8.3.4. Spain
 - 8.3.5. Italy
 - 8.3.6. Rest of Europe (RoE)
- 8.4. Asia-Pacific
 - 8.4.1. China
 - 8.4.2. India
 - 8.4.3. Japan
 - 8.4.4. Rest of Asia-Pacific (RoAPAC)
- 8.5. Latin America
- 8.6. Middle East & Africa

9 COMPETITIVE LANDSCAPE

- 9.1. Introduction
- 9.2. Key Growth Strategies
- 9.3. Competitive Benchmarking

10 COMPANY PROFILES (BUSINESS OVERVIEW, PRODUCT PORTFOLIO, FINANCIAL OVERVIEW, AND STRATEGIC DEVELOPMENTS)

- 10.1. 3M
- 10.2. Thermo Fisher Scientific, Inc.
- 10.3. Sartorius AG
- 10.4. Eppendorf AG
- 10.5. Pall Corporation
- 10.6. Cytiva
- 10.7. Merck KGaA
- 10.8. Repligen
- 10.9. Applikon Biotechnology
- 10.10. Bionet

11 APPENDIX

11.1. Questionnaire

11.2. Available Customization

LIST OF TABLES

Table 1 Global Continuous Bioprocessing Market Drivers: Impact Analysis (2021–2028)

Table 2 Global Continuous Bioprocessing Market Restraints: Impact Analysis (2021—2028)

Table 3 Global Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 4 Some of the Key Players offering Filtration Systems and Consumables for Continuous Bioprocessing

Table 5 Filtration Systems and Consumables Market Size, By Country/Region, 2019–2028 (USD Million)

Table 6 Some of the Key Players offering Chromatography Systems and Consumables for Continuous Bioprocessing

Table 7 Chromatography Systems and Consumables Market Size, By Country/Region, 2019–2028 (USD Million)

Table 8 Some of the Key Players offering Cell Culture Media, Buffers, and Reagents for Continuous Bioprocessing

Table 9 Cell Culture Media, Buffers, and Reagents Market Size, By Country/Region, 2019–2028 (USD Million)

Table 10 Some of the Key Players offering Incubators and Shakers for Continuous Bioprocessing

Table 11 Incubators and Shakers Market Size, By Country/Region, 2019–2028, (USD Million)

Table 12 Some of the Key Players offering Bioreactors for Continuous Bioprocessing

Table 13 Bioreactors Market Size, By Country/Region, 2019–2028 (USD Million)

Table 14 Some of the Key Players offering Centrifuges for Continuous Bioprocessing

Table 15 Centrifuges Market Size, By Country/Region, 2019–2028 (USD Million)

Table 16 Some of the Key Players offering Sterilizers for Continuous Bioprocessing

Table 17 Sterilizers Market Size, By Country/Region, 2019–2028 (USD Million)

Table 18 Some of the Key Players offering Other Instruments and Consumables for Continuous Bioprocessing

Table 19 Other Instruments and Consumables Market Size, By Country/Region, 2019–2028 (USD Million)

Table 20 Global Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 21 Global Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 22 Continuous Bioprocessing Market Size for Commercial Applications, By Country/Region, 2019–2028 (USD Million)

Table 23 Continuous Bioprocessing Market Size for Mab Production, By Country/Region, 2019–2028 (USD Million)

Table 24 Continuous Bioprocessing Market Size for Cell and Gene therapy Production, By Country/Region, 2019–2028 (USD Million)

Table 25 Continuous Bioprocessing Market Size for Vaccine Manufacturing, By Country/Region, 2019–2028 (USD Million)

Table 26 Continuous Bioprocessing Market Size for Plasma Fractionation, By Country/Region, 2019–2028 (USD Million)

Table 27 Continuous Bioprocessing Market Size for Recombinant Protein Production, By Country/Region, 2019–2028 (USD Million)

Table 28 Continuous Bioprocessing Market Size for R&D, By Country/Region, 2019–2028 (USD Million)

Table 29 Global Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 30 Continuous Bioprocessing Market for Pharmaceutical and Biotechnology Companies, By Country/Region, 2019–2028 (USD Million)

Table 31 Continuous Bioprocessing Market for CDMOs and CROs, By Country/Region, 2019–2028 (USD Million)

Table 32 Continuous Bioprocessing Market for Academic and Research Institutes, By Country/Region, 2019–2028 (USD Million)

Table 33 Global Continuous Bioprocessing Market Size, By Country/Region, 2019–2028, (USD Million)

Table 34 North America: Continuous Bioprocessing Market Size, By Country, 2019–2028, (USD Million)

Table 35 North America: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 36 North America: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 37 North America: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 38 North America: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 39 U.S.: Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 40 U.S: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD

Million)

Table 41 U.S.: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 42 U.S.: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 43 Canada: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 44 Canada: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 45 Canada: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 46 Canada: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 47 Europe: Continuous Bioprocessing Market Size, By Country, 2019–2028, (USD Million)

Table 48 Europe: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 49 Europe: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 50 Europe: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 51 Europe: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 52 Germany: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 53 Germany: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 54 Germany: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 55 Germany: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 56 U.K.: Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 57 U.K.: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 58 U.K.: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 59 U.K.: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 60 France: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 61 France: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 62 France: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 63 France: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 64 An Exhaustive 12. List of Biosimilars Manufactured in Rheumatology and their Availability in Spain

Table 65 Spain: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 66 Spain: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 67 Spain: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028(USD Million)

Table 68 Spain: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 69 Italy: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 70 Italy: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 71 Italy: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 72 Italy: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 73 Rest of Europe: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 74 Rest of Europe: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 75 Rest of Europe: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 76 Rest of Europe: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 77 Asia-Pacific: Continuous Bioprocessing Market Size, By Country, 2019–2028, (USD Million)

Table 78 Asia-Pacific: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 79 Asia-Pacific: Continuous Bioprocessing Market Size, By Application,

2019–2028 (USD Million)

Table 80 Asia-Pacific: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 81 Asia-Pacific: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 82 China: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 83 China: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 84 China: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 85 China: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 86 India: Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 87 India: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 88 India: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 89 India: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 90 Japan: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 91 Japan: Continuous Bioprocessing Market Size, By Application, 2019–2028, (USD Million)

Table 92 Japan: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 93 Japan: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 94 Rest of Asia-Pacific: Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 95 Rest of Asia-Pacific: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 96 Rest of Asia-Pacific: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 97 Rest of Asia-Pacific: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 98 Latin America: Continuous Bioprocessing Market Size, By Product, 2019–2028, (USD Million)

Table 99 Latin America: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 100 Latin America: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 101 Latin America: Continuous Bioprocessing Market Size, By End User, 2019–2028, (USD Million)

Table 102 Middle East & Africa: Continuous Bioprocessing Market Size, By Product, 2019–2028 (USD Million)

Table 103 Middle East & Africa: Continuous Bioprocessing Market Size, By Application, 2019–2028 (USD Million)

Table 104 Middle East & Africa: Continuous Bioprocessing Market Size for Commercial Applications, By Type, 2019–2028 (USD Million)

Table 105 Middle East & Africa: Continuous Bioprocessing Market Size, By End User, 2019–2028 (USD Million)

Table 106 Recent Developments, By Company, 2019–2021

LIST OF FIGURES

Figure 1 Research Process

Figure 2 Key Secondary Sources

Figure 3 Primary Research Techniques

Figure 4 Key Executives Interviewed

Figure 5 Breakdown of Primary Interviews (Supply Side & Demand Side)

Figure 6 Market Size Estimation

Figure 7 Global Continuous Bioprocessing Market Size, By Product, 2021–2028, (USD Million)

Figure 8 Global Continuous Bioprocessing Market Size, By Application, 2021–2028, (USD Million)

Figure 9 Global Continuous Bioprocessing Market Size, By End User, 2021–2028, (USD Million)

Figure 10 Global Continuous Bioprocessing Market, By Region

Figure 11 Market Dynamics

Figure 12 Global Continuous Bioprocessing Market Size, By Product, 2021–2028, (USD Million)

Figure 13 Global Continuous Bioprocessing Market Size, By Application, 2021–2028, (USD Million)

Figure 14 Global Continuous Bioprocessing Market Size, By End User, 2021–2028, (USD Million)

Figure 15 Global Continuous Bioprocessing Market Size, By Geography, 2021–2028, (USD Million)

Figure 16 North America Snapshot: Continuous Bioprocessing Market

Figure 17 Europe Snapshot: Continuous Bioprocessing Market

Figure 18 Asia-Pacific Snapshot: Continuous Bioprocessing Market

Figure 19 Key Growth Strategies Adopted by Leading Players, 2019—2021

Figure 20 Competitive Benchmarking of Key Players in the Continuous Bioprocessing Market (Based on Product offerings)

Figure 21 Competitive Benchmarking of Key Players in the Continuous Bioprocessing Market (Based on Geographic Presence)

Figure 22 3M: Financial Overview, 2020

Figure 23 Thermo Fisher Scientific, Inc: Financial Overview, 2020

Figure 24 Sartorius AG: Financial Overview, 2020

Figure 25 Eppendorf AG: Financial Overview, 2020

Figure 26 Danaher Corporation: Financial Overview, 2020

Figure 27 General Electric Company: Financial Overview, 2019

Figure 28 Merck KGaA: Financial Overview, 2020

Figure 29 Repligen Corporation: Financial Overview, 2020

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