

Single-use Bioprocessing Systems - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Single-Use Bioprocessing Systems market is expected to grow from \$2.12 billion in 2017 to reach \$12.25 billion by 2026 with a CAGR of 19.1%. Growing demand for biopharmaceuticals, growth in the production of monoclonal antibodies, rising adoption of disposable technologies and lower costs & lesser environmental impact of single-use bioprocessing technologies are some key factors propelling the market growth. However, issues interrelated to leachables and extractables and technical difficulties pertaining to large-scale bio-production are hampering the market.

Single-use bioprocess system acts as a tool used in biopharmaceutical development and production procedures. These procedures have made production effective. These devices are used in various techniques such as mixing, biopharmaceuticals purification, filtration, upstream expression, storage and separation of products. The technology focuses on development of manufacturing of biotechnology and biopharmaceutical products.

Based on Product, bioreactors and fermenters witnessed significant growth due to numerous factors such as the development of R&D facilities of major pharmaceutical organizations, advanced acceptance of single-use technologies by CMOs and CROs producing biologics, and increase in buyer awareness regarding the benefits of single-use bioreactors. Bioreactors and fermenters are used for creating suitable environment for the development of microorganisms or driving biochemically active substances derived from such organisms.

North America is estimated to have a significant growth in the market owing to the large demand from the biopharma companies that focus on increasing their production within

a short period at reduced costs. Additionally, the rise in CRO and CMO innovations is also increasing the demand for single-use technologies in the region. Moreover, Asia-Pacific is expected to grow at the highest rate during the forecast period. The growth in this region is propelled by factors such as improving life science infrastructure, rising focus of market players, and increasing government initiatives.

Some of the key players in the Single-Use Bioprocessing Systems Market are Thermo Fisher Scientific Inc., Merck Millipore, Danaher Corporation, 3M Company, GE Healthcare, Sartorius Stedim Biotech S.A., Applikon Biotechnology, Finesse Solutions, Inc., Eppendorf AG, Cescio Bioengineering CO. Ltd, Meissner Filtration Products, Inc, Parker Hannifin Corporation, Saint Gobain, Sentinel Process Systems and Tarpon Biosystems Inc.

Products Covered:

Disposable Mixers

Media Bags and Containers

Filtration Assemblies

Bioreactors and Fermenters

Probes and Sensors

Connectors and Clamps

Tubing

Bioprocess Containers

Sampling Systems

Research and Development (R&D) systems

GMP/ Commercial Production Systems

Materials Covered:

Silicone

Plastic

Other Materials

Applications Covered:

Mixing

Filtration

Cell Culture

Storage

Purification

Monoclonal Antibody Production

Plant Cell Cultivation

Patient Specific Cell Therapies

Vaccine Production

Other Applications

End Users Covered:

Life Science R&D & Academic Institutes

Biopharmaceutical Manufacturers

Biotechnology

Contract Research Organizations (CROS) & Manufacturers (CMOS)

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements.

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL SINGLE-USE BIOPROCESSING SYSTEMS MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 Disposable Mixers
- 5.3 Media Bags and Containers
- 5.4 Filtration Assemblies
- 5.5 Bioreactors and Fermenters
- 5.6 Probes and Sensors
- 5.7 Connectors and Clamps
- 5.8 Tubing
- 5.9 Bioprocess Containers
- 5.10 Sampling Systems
- 5.11 Research and Development (R&D) systems
- 5.12 GMP/ Commercial Production Systems

6 GLOBAL SINGLE-USE BIOPROCESSING SYSTEMS MARKET, BY MATERIAL

- 6.1 Introduction
- 6.2 Silicone
- 6.3 Plastic
 - 6.3.1 Polyvinyl chloride (PVC)
 - 6.3.2 Polyamide
 - 6.3.3 Polyethylene (PE)
 - 6.3.4 Other Plastics
- 6.4 Other Materials

7 GLOBAL SINGLE-USE BIOPROCESSING SYSTEMS MARKET, BY APPLICATION

- 7.1 Introduction
- 7.2 Mixing
- 7.3 Filtration
- 7.4 Cell Culture
- 7.5 Storage
- 7.6 Purification
- 7.7 Monoclonal Antibody Production
- 7.8 Plant Cell Cultivation
- 7.9 Patient Specific Cell Therapies
- 7.10 Vaccine Production

7.11 Other Applications

7.11.1 Enzymes

7.11.2 Recombinant proteins

8 GLOBAL SINGLE-USE BIOPROCESSING SYSTEMS MARKET, BY END USER

8.1 Introduction

8.2 Life Science R&D & Academic Institutes

8.3 Biopharmaceutical Manufacturers

8.4 Biotechnology

8.5 Contract Research Organizations (CROS) & Manufacturers (CMOS)

9 GLOBAL SINGLE-USE BIOPROCESSING SYSTEMS MARKET, BY GEOGRAPHY

9.1 Introduction

9.2 North America

9.2.1 US

9.2.2 Canada

9.2.3 Mexico

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 Italy

9.3.4 France

9.3.5 Spain

9.3.6 Rest of Europe

9.4 Asia Pacific

9.4.1 Japan

9.4.2 China

9.4.3 India

9.4.4 Australia

9.4.5 New Zealand

9.4.6 South Korea

9.4.7 Rest of Asia Pacific

9.5 South America

9.5.1 Argentina

9.5.2 Brazil

9.5.3 Chile

9.5.4 Rest of South America

9.6 Middle East & Africa

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

10.3 New Product Launch

10.4 Expansions

10.5 Other Key Strategies

11 COMPANY PROFILING

11.1 Thermo Fisher Scientific Inc.

11.2 Merck Millipore

11.3 Danaher Corporation

11.4 3M Company

11.5 GE Healthcare

11.6 Sartorius Stedim Biotech S.A.

11.7 Applikon Biotechnology

11.8 Finesse Solutions, Inc.

11.9 Eppendorf AG

11.10 Cescio Bioengineering CO. Ltd.

11.11 Meissner Filtration Products, Inc.

11.12 Parker Hannifin Corporation

11.13 Saint Gobain

11.14 Sentinel Process Systems

11.15 Tarpon Biosystems Inc.

List Of Tables

LIST OF TABLES

Table 1 Global Single-Use Bioprocessing Systems Market Outlook, By Region (2016-2026) (US \$MN)

Table 2 Global Single-Use Bioprocessing Systems Market Outlook, By Product (2016-2026) (US \$MN)

Table 3 Global Single-Use Bioprocessing Systems Market Outlook, By Disposable Mixers (2016-2026) (US \$MN)

Table 4 Global Single-Use Bioprocessing Systems Market Outlook, By Media Bags and Containers (2016-2026) (US \$MN)

Table 5 Global Single-Use Bioprocessing Systems Market Outlook, By Filtration Assemblies (2016-2026) (US \$MN)

Table 6 Global Single-Use Bioprocessing Systems Market Outlook, By Bioreactors and Fermenters (2016-2026) (US \$MN)

Table 7 Global Single-Use Bioprocessing Systems Market Outlook, By Probes and Sensors (2016-2026) (US \$MN)

Table 8 Global Single-Use Bioprocessing Systems Market Outlook, By Connectors and Clamps (2016-2026) (US \$MN)

Table 9 Global Single-Use Bioprocessing Systems Market Outlook, By Tubing (2016-2026) (US \$MN)

Table 10 Global Single-Use Bioprocessing Systems Market Outlook, By Bioprocess Containers (2016-2026) (US \$MN)

Table 11 Global Single-Use Bioprocessing Systems Market Outlook, By Sampling Systems (2016-2026) (US \$MN)

Table 12 Global Single-Use Bioprocessing Systems Market Outlook, By Research and Development (R&D) systems (2016-2026) (US \$MN)

Table 13 Global Single-Use Bioprocessing Systems Market Outlook, By GMP/ Commercial Production Systems (2016-2026) (US \$MN)

Table 14 Global Single-Use Bioprocessing Systems Market Outlook, By Material (2016-2026) (US \$MN)

Table 15 Global Single-Use Bioprocessing Systems Market Outlook, By Silicone (2016-2026) (US \$MN)

Table 16 Global Single-Use Bioprocessing Systems Market Outlook, By Plastic (2016-2026) (US \$MN)

Table 17 Global Single-Use Bioprocessing Systems Market Outlook, By Polyvinyl chloride (PVC) (2016-2026) (US \$MN)

Table 18 Global Single-Use Bioprocessing Systems Market Outlook, By Polyamide

(2016-2026) (US \$MN)

Table 19 Global Single-Use Bioprocessing Systems Market Outlook, By Polyethylene (PE) (2016-2026) (US \$MN)

Table 20 Global Single-Use Bioprocessing Systems Market Outlook, By Other Plastics (2016-2026) (US \$MN)

Table 21 Global Single-Use Bioprocessing Systems Market Outlook, By Other Materials (2016-2026) (US \$MN)

Table 22 Global Single-Use Bioprocessing Systems Market Outlook, By Application (2016-2026) (US \$MN)

Table 23 Global Single-Use Bioprocessing Systems Market Outlook, By Mixing (2016-2026) (US \$MN)

Table 24 Global Single-Use Bioprocessing Systems Market Outlook, By Filtration (2016-2026) (US \$MN)

Table 25 Global Single-Use Bioprocessing Systems Market Outlook, By Cell Culture (2016-2026) (US \$MN)

Table 26 Global Single-Use Bioprocessing Systems Market Outlook, By Storage (2016-2026) (US \$MN)

Table 27 Global Single-Use Bioprocessing Systems Market Outlook, By Purification (2016-2026) (US \$MN)

Table 28 Global Single-Use Bioprocessing Systems Market Outlook, By Monoclonal Antibody Production (2016-2026) (US \$MN)

Table 29 Global Single-Use Bioprocessing Systems Market Outlook, By Plant Cell Cultivation (2016-2026) (US \$MN)

Table 30 Global Single-Use Bioprocessing Systems Market Outlook, By Patient Specific Cell Therapies (2016-2026) (US \$MN)

Table 31 Global Single-Use Bioprocessing Systems Market Outlook, By Vaccine Production (2016-2026) (US \$MN)

Table 32 Global Single-Use Bioprocessing Systems Market Outlook, By Other Applications (2016-2026) (US \$MN)

Table 33 Global Single-Use Bioprocessing Systems Market Outlook, By Enzymes (2016-2026) (US \$MN)

Table 34 Global Single-Use Bioprocessing Systems Market Outlook, By Recombinant proteins (2016-2026) (US \$MN)

Table 35 Global Single-Use Bioprocessing Systems Market Outlook, By End User (2016-2026) (US \$MN)

Table 36 Global Single-Use Bioprocessing Systems Market Outlook, By Life Science R&D & Academic Institutes (2016-2026) (US \$MN)

Table 37 Global Single-Use Bioprocessing Systems Market Outlook, By Biopharmaceutical Manufacturers (2016-2026) (US \$MN)

Table 38 Global Single-Use Bioprocessing Systems Market Outlook, By Biotechnology (2016-2026) (US \$MN)

Table 39 Global Single-Use Bioprocessing Systems Market Outlook, By Contract Research Organizations (CROS) & Manufacturers (CMOS) (2016-2026) (US \$MN)

NOTE: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner above.

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