

# 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

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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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