

# Global Single-Use Bioreactors Market Insights, Forecast to 2026

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## **Abstracts**

A single-use bioreactor or disposable bioreactor is a bioreactor with a disposable bag instead of a culture vessel. Typically, this refers to a bioreactor in which the lining in contact with the cell culture will be plastic, and this lining is encased within a more permanent structure (typically, either a rocker or a cuboid or cylindrical steel support). Commercial single-use bioreactors have been available since the end of the 1990s and are now made by several well-known producers (See below).

Improved return on investment for small companies and startups, reduced complexity in automation, requirement of low capital investments, and lower environmental impact of operations using SUBs are the major factors driving the growth of this market. However, extractability and leachability issues regarding disposable components like plastic bags used in bioreactors, high cost of disposables, and difficulties in meeting GMP standards are the major factors that are restraining the growth of the SUBs market.

Based on technology, the market is divided into wave-induced motion SUBs, stirred SUBs and other technologies. Based on applications, the market is segmented into biopharmaceutical manufacturers and R&D departments. The Wave-induced Motion SUBs account for the largest market share (68.21%) in 2015. The R&D application account for 63.87% of the Global Single-Use Bioreactors market in 2015.

USA is expected to account for the largest share (29.18%) of the market in 2016. In this region, government's support for new biologics has encouraged a number of research and development activities in the biologics sector.

The major players operating in the Global Single-Use Bioreactors market include Sartorius, GE Healthcare, Thermo Fisher, Pall(Danaher), Eppendorf, Merck Millipore, Applikon, PBS Biotech, Finesse, K?hner, Celltainer and Amprotein.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019



(COVID-19) are already starting to be felt, and will significantly affect the Single-Use Bioreactors 4900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Single-Use Bioreactors 4900 industry.

Based on our recent survey, we have several different scenarios about the Single-Use Bioreactors 4900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 190.5 million in 2019. The market size of Single-Use Bioreactors 4900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.

With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Single-Use Bioreactors market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Single-Use Bioreactors market in terms of both revenue and volume. Players, stakeholders, and other participants in the global Single-Use Bioreactors market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

## Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Single-Use Bioreactors market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis



for the global Single-Use Bioreactors market has been provided based on region.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Single-Use Bioreactors market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

#### **Competition Analysis**

In the competitive analysis section of the report, leading as well as prominent players of the global Single-Use Bioreactors market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020. On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Single-Use Bioreactors market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Single-Use Bioreactors market.

The following manufacturers are covered in this report:

Sartorius

GE Healthcare

Thermo Fisher

Pall(Danaher)

Eppendorf



	Merck Millipore	
	Applikon	
	PBS Biotech	
	Finesse	
	K?hner	
	Celltainer	
	Amprotein	
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