

Single Use Bioreactor Market: Trends, Opportunities and Competitive Analysis [2023-2028]

<https://marketpublishers.com/r/SAE1347EC490EN.html>

Date: April 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: SAE1347EC490EN

Abstracts

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Single Use Bioreactor Market Trends and Forecast

The future of the global single use bioreactor market looks promising with opportunities in pharmaceutical & biopharmaceutical companies, CROs & CMOs, and academic & research institutes. The global single use bioreactor market is expected to reach an estimated \$11.1 billion by 2028 with a CAGR of 18.6% from 2023 to 2028. The major drivers for this market are expanding usage of single-use systems in the pharmaceutical and mammalian cell culture application and increasing demand for biologic and biosimilar drugs.

Single Use Bioreactor Market by Product, Type, Type of Cell, Molecule, Application, and End Use

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Single Use Bioreactor Market by Segments

Single Use Bioreactor Market by Segment

The study includes trends and forecast for the global single use bioreactor market by product, type, type of cell, molecule type, application, end use, and region, as follows:

Single Use Bioreactor Market by Product [Value (\$B) Shipment Analysis from 2017 to

2028]:

Single-Use Bioreactor Systems

Up to 10L

11-100L

101-500L

501-1500L

Above 1500L

Single-Use Media Bags

2D Bags

3D Bags

Others

Single-Use Filtration Assemblies

Others

Single Use Bioreactor Market by Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Stirred-Tanks

Wave-Induced

Bubble-Column

Others

Single Use Bioreactor Market by Type of Cell [Value (\$B) Shipment Analysis from 2017 to 2028]:

Mammalian Cells

Bacterial Cells

Yeast Cells

Others

Single Use Bioreactor Market by Module Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Monoclonal Antibodies

Vaccines

Gene Modified Cells

Stem Cells

Others

Single Use Bioreactor Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Research and Development

Process Development

Bioproduction

Single Use Bioreactor Market by End Use [Value (\$B) Shipment Analysis from 2017 to 2028]:

Pharmaceutical & Biopharmaceutical Companies

CROs & CMOs

Academic & Research Institutes

Single Use Bioreactor Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Single Use Bioreactor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, single use bioreactor companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the single use bioreactor companies profiled in this report include-

Sartorius Stedim Biotech

Thermo Fisher

Danaher

Merck

Celltainer Biotech

Single Use Bioreactor Market Insights

Lucintel forecasts that stirred tanks will remain the largest segment over the forecast period due to its growing usage in the bioproduction process of aerobic microbial cell cultures owing to its improved fluid mixing and oxygen transfer capabilities.

Pharmaceutical and biopharmaceutical companies are expected to remain the end use

segment with the highest growth due to rapidly growing demand for disposable technology in pharma and biopharma sector and increased government investment in biopharmaceutical research.

North America will remain the largest region due to the rapid growth in the requirement for drug discovery, prompted by escalating incidence of chronic diseases among population, and existence of drug manufacturing facilities in the region.

Features of the Single Use Bioreactor Market

Market Size Estimates: Single use bioreactor market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Single use bioreactor market size by various segments, such as product, type, type of cell, molecule type, application, end use, and region

Regional Analysis: Single use bioreactor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different products, types, types of cell, molecule types, applications, end uses, and regions for the single use bioreactor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the single use bioreactor market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the single use bioreactor market size?

Answer: The global single use bioreactor market is expected to reach an estimated \$11.1 billion by 2028.

Q2. What is the growth forecast for single use bioreactor market?

Answer: The global single use bioreactor market is expected to grow with a CAGR of 18.6% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the single use bioreactor market?

Answer: The major drivers for this market are expanding usage of single-use systems in the pharmaceutical and mammalian cell culture application and increasing demand for biologic and biosimilar drugs.

Q4. What are the major segments for single use bioreactor market?

Answer: The future of the single use bioreactor market looks promising with opportunities in pharmaceutical & biopharmaceutical companies, CROs & CMOs, and academic & research institutes.

Q5. Who are the key single use bioreactor companies?

Answer: Some of the key single use bioreactor companies are as follows:

Sartorius Stedim Biotech

Thermo Fisher

Danaher

Merck

Celltainer Biotech

Q6. Which single use bioreactor segment will be the largest in future?

Answer: Lucintel forecasts that stirred tanks will remain the largest type segment over the forecast period due to their growing usage in the bioproduction process of aerobic microbial cell cultures owing to their improved fluid mixing and oxygen transfer capabilities.

Q7. In single use bioreactor market, which region is expected to be the largest in next 5

years?

Answer: North America will remain the largest region due to the rapid growth in the requirement for drug discovery, prompted by escalating incidence of chronic diseases among population, and existence of drug manufacturing facilities in the region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the global single use bioreactor market by product (single-use bioreactors, media bags, filtration assembly, and others), type (stirred tanks, wave-induced, bubble-column, and others), type of cell (mammalian, bacterial, yeast, and others), molecule type (monoclonal antibodies, vaccines, gene modified cells, stem cells, and others), application (research and development, process development, and bioproduction), end use (pharmaceutical & biopharmaceutical companies, CROs & CMOs, and academic & research institutes), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last five years and what has its impact been on the industry?

For any questions related to single use bioreactor market or related single use bioreactor companies, single use bioreactor market size, single use bioreactor market share, single use bioreactor analysis, write Lucintel analyst at email:

helpdesk@lucintel.com we will be glad to get back to you soon.

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