

Single use Bioreactors Market Size, Share & Trends Analysis By Product, By Type, By Type of Cell, By Molecule Type, By Application, By End-Users, By, Regional Outlook, Competitive Strategies and Segment Forecasts to 2030

<https://marketpublishers.com/r/SE172C11090BEN.html>

Date: May 2022

Pages: 236

Price: US\$ 4,257.00 (Single User License)

ID: SE172C11090BEN

Abstracts

The global Single-use Bioreactors Market is projected to be worth USD 17.28 billion by 2030.

According to SPER Market Research, the Single-use Bioreactors Market is estimated to reach USD 17.28 billion by 2030 with a CAGR of 19.8%.

Escalating Biopharmaceutical research & development, growing technological advancements in SUBs, acceptance of SUBs amongst start-ups, and small companies, abridged automation difficulty, simplicity in the farming of marine organisms, condensed energy and water consumption, and the increasing biologics market; are the key factors for the expansion of the market.

Impact of COVID-19 on the Single-use Bioreactors Market

The outbreak of COVID-19, provide positive growth in this market, and big pharmaceutical and biopharmaceutical companies increased their investment in research & development, and manufacturing of vaccines and test kits in large numbers.

Scope of the report:

Market size available for years 2019-2030

Base year considered 2021

Forecast period 2022-2030

Segments covered By Product, By Type, By Application, By type of cell, By molecule

Type, By Region

Geographies covered North America, Europe, Asia Pacific, Latin America, Middle East, Africa

Companies Covered ABEC, Inc., Able Corporation & Biott Corporation, Avantor, bbi-biotech GmbH, Cellexus, Cell culture company, Celltainer Biotech, CESCO Bioengineering Co. Ltd., Corning, Danaher Corporation, Distek, Inc., Entegris, Eppendorf AG, G&G Technologies, Getinge AB, Kuhner AG, Meissner Filtration Products, Inc., Merck KGaA, OmniBRx Biotechnologies, PBS Biotech, Inc., Pierre Guerin, Sartorius Stedim Biotech S.A., Satake Chemical Equipment Mfg., Ltd., Solida Biotech GmbH, Stobbe Pharma GmbH, Thermo Fisher Scientific

Driver: Increasing biopharmaceutical R&D

Growing geriatric population, growing acceptance of SUBs among small companies and start-ups, abridged automation difficulty, simplicity in the farming of marine organisms, reduced energy and water consumption, rising biologics market, technological advancements in SUBs, and growing biopharmaceutical research & development; are the key factors for the expansion of the market.

Challenges: necessitate of improvement single-use sensors

Improvement in single-use sensors, standardization of single-use design, Regulatory concerns related to SUBs, and Issues related to leachable and extractable; are the challenges to this market.

Opportunity: Emerging markets

The growing demands for pharmaceutical & biopharmaceutical research & development in the emerging economies offer vast opportunities.

Global Single-use Bioreactors Market, by Product:

Based on the product, Single-use Bioreactors Market is segmented as; Single-use Bioreactor Systems (Up to 10L, 11–100L, 101–500L, 501–1500L, Above 1500L), Single-use Media Bags (2D Bags, 3D Bags, Other Bags), Single-use Filtration Assemblies, Other Products (Single-use vessels, tubing and connectors, samplers, and probes/sensor, and others).

Global Single-use Bioreactors Market, by Type:

Based on the Type, Single-use Bioreactors Market is segmented as; Bubble-column SUBs, Other SUBs (Hybrid bioreactors and SUBs with vertically perforated discs), Stirred-tank SUBs, and Wave-induced SUBs.

Global Single-use Bioreactors Market, by Type of Cell:

Based on the Type of Cell, Single-use Bioreactors Market is segmented as; Bacterial Cells, Mammalian Cells, Other Cells (Insect and plant cells), and Yeast Cells.

Global Single-use Bioreactors Market, by Molecule Type:

Based on the type of molecule, Single-use Bioreactors Market is segmented as; Gene-modified cells, Monoclonal Antibodies, and Other Molecules (Recombinant proteins including growth factors & interferon, antisense, RNA interference, and others), Stem Cells, and Vaccines.

Global Single-use Bioreactors Market, by Application:

Based on the Type of Application, Single-use Bioreactors Market is segmented as; Bio-production, Process Development, Research, and Development

Global Single-use Bioreactors Market, by End-Users:

Based on the End-Users, Single-use Bioreactors Market is segmented as; Academic & Research Institutes, Biopharmaceutical & Pharmaceutical companies, Contract Research Organizations, and contract manufacturing organizations (CROs & CMOs).

Global Single-use Bioreactors Market, by Region:

North America owns the principal share of this market; this is due to the concentration of established biopharmaceutical industries, and key players functioning in the single-use bioreactors market.

Contents

1. INTRODUCTION

2. RESEARCH METHODOLOGY

3. EXECUTIVE SUMMARY

4. MARKET OVERVIEW

4.1. Introduction

4.2. Market Dynamics

4.2.1. Drivers

4.2.2. Restraints

4.2.3. Opportunities

4.2.4. Challenges

4.3. COVID-19 Impact on the Single-use Bioreactors Market

4.4. Market Trends

5. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY PRODUCT, 2019-2030 (USD MILLION)

5.1. Single-use Bioreactor Systems

5.1.1. Up to 10L

5.1.2. 11–100L

5.1.3. 101–500L

5.1.4. 501–1500L

5.1.5. Above 1500L

5.2. Single-use Media Bags

5.2.1. 2D Bags

5.2.2. 3D Bags

5.2.3. Other Bags

5.3. Single-use Filtration Assemblies

5.4. Other Products (Single-use vessels, tubing and connectors, samplers, probes/sensor, and others)

6. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY TYPE, 2019-2030 (USD MILLION)

- 6.1. Bubble-column SUBs
- 6.2. Other SUBs (Hybrid bioreactors and SUBs with vertically perforated discs)
- 6.3. Stirred-tank SUBs
- 6.4. Wave-induced SUBs

7. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY TYPE OF CELL, 2019-2030 (USD MILLION)

- 7.1. Bacterial Cells
- 7.2. Mammalian Cells
- 7.3. Other Cells (Insect and plant cells)
- 7.4. Yeast Cells

8. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY MOLECULE TYPE, 2019-2030 (USD MILLION)

- 8.1. Gene-modified cells
- 8.2. Monoclonal Antibodies
- 8.3. Other Molecules (Recombinant proteins including growth factors & interferon, antisense, RNA interference and others)
- 8.4. Stem Cells
- 8.5. Vaccines

9. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY APPLICATION, 2019-2030 (USD MILLION)

- 9.1. Bio-production
- 9.2. Process Development
- 9.3. Research and Development (R&D)

10. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY END-USERS, 2019-2030 (USD MILLION)

- 10.1. Academic & Research institutes
- 10.2. Biopharmaceutical & Pharmaceutical companies
- 10.3. Contract Research Organizations and contract manufacturing organizations (CROs & CMOs)

11. GLOBAL SINGLE-USE BIOREACTORS MARKET, BY REGION, 2019-2030 (USD

MILLION)

11.1. North America

11.1.1. US

11.1.2. Canada

11.2. Europe

11.2.1. France

11.2.2. Germany

11.2.3. Italy

11.2.4. Rest of the Europe

11.2.5. Spain

11.3. Asia Pacific

11.3.1. China

11.3.2. India

11.3.3. Japan

11.3.4. Rest of Asia Pacific

11.4. Latin America

11.5. Middle East

11.6. Africa

12. COMPETITIVE LANDSCAPE

12.1. Introduction

12.2. Market Share Analysis, By Key Players

12.3. Competitive Scenario

12.3.1. Product Launches

12.3.2. Partnerships, Collaborations and Agreements

12.3.3. Acquisitions

12.3.4. Expansions

12.3.5. Other Developments

13. COMPANY PROFILES

13.1. ABEC, Inc.

13.2. Able Corporation & Biott Corporation

13.3. Avantor

13.4. bbi-biotech GmbH

13.5. Cellexus

13.6. Cell culture company

- 13.7. Celltainer Biotech
- 13.8. CESCO Bioengineering Co. Ltd.
- 13.9. Corning
- 13.13. Danaher Corporation
- 13.11. Distek, Inc.
- 13.12. Entegris
- 13.13. Eppendorf AG
- 13.14. G&G Technologies
- 13.15. Getinge AB
- 13.16. Kuhner AG
- 13.17. Meissner Filtration Products, Inc.
- 13.18. Merck KGaA
- 13.19. OmniBRx Biotechnologies
- 13.20. PBS Biotech, Inc.
- 13.21. Pierre Guerin
- 13.22. Sartorius Stedim Biotech S.A.
- 13.23. Satake Chemical Equipment Mfg., Ltd.
- 13.24. Solida Biotech GmbH
- 13.25. Stobbe Pharma GmbH
- 13.26. Thermo Fisher Scientific

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