

Europe Bioreactors Market Forecast to 2030 - Regional Analysis - by Scale (Lab-Scale Production, Pilot-Scale Production, and Full-Scale Production), Application (Microbial Application, Cell Culture Application, and Others), Technology (Fed-Batch Bioreactors and Perfusion Bioreactors), and End User (Biopharma Manufacturers, Research and Development Organizations, and Contract Manufacturing Organization)

<https://marketpublishers.com/r/EFA5AC6E988FEN.html>

Date: June 2024

Pages: 93

Price: US\$ 3,550.00 (Single User License)

ID: EFA5AC6E988FEN

Abstracts

The Europe bioreactors market was valued at US\$ 919.86 million in 2022 and is expected to reach US\$ 1,732.95 million by 2030; it is estimated to grow at a CAGR of 8.2% from 2022 to 2030.

Rising Demand for Personalized Medicine Drives Europe Bioreactors Market

The transformation of the healthcare industry from one-size-fits-all to a targeted approach is expanding the demand for personalized medicine. Precision medicine is being considered as one of the most promising approaches to tackle diseases such as cancer, neurodegenerative diseases, and rare genetic conditions. Innovations in the production of personalized medicines are likely to impact the entire sector, and single-use technologies aimed at smaller-volume production have potential applications in protein bioproduction, particularly in downstream processes. Personalized and differentiated approaches to medicine are leading to a need for a wider range of products, many of them for a relatively small number of patients. A fundamentally different approach to the production and delivery of biological products may be required.

Precision medicine utilizes the genomic information of an individual to offer targeted treatment for a particular indication. The rising prevalence of a number of chronic diseases has increased the demand for biologics, drugs for orphan diseases, and personalized medicines. For instance, in 2019, the FDA approved 12 personalized medications to address the root causes of disease and further integrate precision medicine with clinical care.

Europe Bioreactors Market Overview

In Germany, new product development, extensive research & development activities in pharmaceutical and biotechnology companies, and the growth of biologics and life sciences drive the market growth. In August 2023, Sartorius, one of the leading suppliers for the biopharmaceutical industry, collaborated with global technology and software leader Emerson to integrate Sartorius's Biostat STR Generation 3 family of bioreactors with Emerson's DeltaVTM distributed control system (DCS). The biotechnology sector in Germany exhibits tremendous growth owing to the presence of numerous biotechnology companies, high-tech research labs, and massive funding for research and development. Moreover, the cutting-edge and high-quality research in the country and the presence of an established market for bioreactors creates lucrative opportunities. The growth of research and development in biopharmaceuticals and biologics is majorly driven by the adoption of various organic strategies by companies in the healthcare industry. For instance, in June 2021, Rentschler Biopharma expanded its production capacity with a 2,000-liter bioreactor to address the increasing demand for complex antibodies, a class of biopharmaceutical drugs with continued high potential. The pharmaceutical sector in the country is growing due to increasing R&D expenditure by pharmaceutical companies. Thus, collaborative research efforts by pharmaceutical and biotechnology companies in the country influence the market.

Europe Bioreactors Market Revenue and Forecast to 2030 (US\$ Million)

Europe Bioreactors Market Segmentation

The Europe bioreactors market is segmented based on scale, application, technology, end user, and country. Based on scale, the Europe bioreactors market is segmented into lab-scale production, pilot-scale production, and full-scale production. The pilot-scale production segment held the largest market share in 2022.

In terms of application, the Europe bioreactors market is categorized into microbial

application, cell culture application, and others. The cell culture application segment held the largest market share in 2022.

By technology, the Europe bioreactors market is bifurcated into fed-batch bioreactors and perfusion bioreactors. The fed-batch bioreactors segment held a larger market share in 2022.

Based on end user, the Europe bioreactors market is categorized into biopharma manufacturers, research and development organizations, and contract manufacturing organization. The research and development organizations segment held the largest market share in 2022.

Based on country, the Europe bioreactors market is segmented into Germany, France, Italy, the UK, Spain, and the Rest of Europe. Germany dominated the Europe bioreactors market share in 2022.

Applikon Biotechnology BV, bbi-biotech GmbH, Cellexus International Ltd, General Electric Co, Merck KGaA, Pall Corp, PBS Biotech Inc, Sartorius AG, Solaris Biotechnology SRL, and Thermo Fisher Scientific Inc are some of the leading players operating in the Europe bioreactors market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. EUROPE BIOREACTORS MARKET - KEY INDUSTRY DYNAMICS

- 4.1 Bioreactors Market - Key Industry Dynamics
- 4.2 Market Drivers
 - 4.2.1 Increasing Adoption of Single-Use Bioreactors
 - 4.2.2 Rapid Growth of Pharmaceutical and Biotechnology Industry
- 4.3 Market Restraints
 - 4.3.1 Stringent Regulatory Framework
- 4.4 Market Opportunities
 - 4.4.1 Rising Demand for Personalized Medicine
- 4.5 Future Trends
 - 4.5.1 Technological Advancements in Bioreactors
- 4.6 Impact of Drivers and Restraints:

5. BIOREACTORS MARKET - EUROPE MARKET ANALYSIS

- 5.1 Overview
 - 5.1.1 Bioreactors Market Revenue (US\$ Million), 2020 – 2030

6. EUROPE BIOREACTORS MARKET ANALYSIS - SCALE

- 6.1 Overview

6.2 Bioreactors Market Revenue Share, by Scale 2022 & 2030 (%)

6.3 Lab-Scale Production

6.3.1 Overview

6.3.2 Lab-Scale Production Market, Revenue and Forecast to 2030 (US\$ Million)

6.4 Pilot-Scale Production

6.4.1 Overview

6.4.2 Pilot-Scale Production Market, Revenue and Forecast to 2030 (US\$ Million)

6.5 Full-Scale Production

6.5.1 Overview

6.5.2 Full-Scale Production Market, Revenue and Forecast to 2030 (US\$ Million)

7. EUROPE BIOREACTORS MARKET ANALYSIS - APPLICATION

7.1 Overview

7.2 Bioreactors Market Revenue Share, by Application 2022 & 2030 (%)

7.3 Microbial Application

7.3.1 Overview

7.3.2 Microbial Application Market, Revenue and Forecast to 2030 (US\$ Million)

7.4 Cell Culture Application

7.4.1 Overview

7.4.2 Cell Culture Application Market, Revenue and Forecast to 2030 (US\$ Million)

7.5 Others

7.5.1 Overview

7.5.2 Others Market, Revenue and Forecast to 2030 (US\$ Million)

8. EUROPE BIOREACTORS MARKET ANALYSIS - TECHNOLOGY

8.1 Overview

8.2 Bioreactors Market Revenue Share, by Technology 2022 & 2030 (%)

8.3 Fed-Batch Bioreactors

8.3.1 Overview

8.3.2 Fed-Batch Bioreactors Market, Revenue and Forecast to 2030 (US\$ Million)

8.4 Perfusion Bioreactors

8.4.1 Overview

8.4.2 Perfusion Bioreactors Market, Revenue and Forecast to 2030 (US\$ Million)

9. EUROPE BIOREACTORS MARKET ANALYSIS - END USER

9.1 Overview

9.2 Bioreactors Market Revenue Share, by End User 2022 & 2030 (%)

9.3 Biopharma Manufacturers

9.3.1 Overview

9.3.2 Biopharma Manufacturers Market, Revenue and Forecast to 2030 (US\$ Million)

9.4 Research and Development Organizations

9.4.1 Overview

9.4.2 Research and Development Organizations Market, Revenue and Forecast to 2030 (US\$ Million)

9.5 Contract Manufacturing Organization

9.5.1 Overview

9.5.2 Contract Manufacturing Organization Market, Revenue and Forecast to 2030 (US\$ Million)

10. EUROPE BIOREACTORS MARKET – BY COUNTRY ANALYSIS

10.1 Europe: Bioreactors Market

10.1.1 Europe Bioreactors Market Revenue and Forecasts and Analysis - By Country

10.1.1.1 Germany

10.1.1.2 Overview

10.1.1.3 Germany: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.3.1 Germany Bioreactors Market Breakdown by Scale

10.1.1.3.2 Germany Bioreactors Market Breakdown by Application

10.1.1.3.3 Germany Bioreactors Market Breakdown by Technology

10.1.1.3.4 Germany Bioreactors Market Breakdown by End User

10.1.1.4 France

10.1.1.5 Overview

10.1.1.6 France: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.6.1 France Bioreactors Market Breakdown by Scale

10.1.1.6.2 France Bioreactors Market Breakdown by Application

10.1.1.6.3 France Bioreactors Market Breakdown by Technology

10.1.1.6.4 France Bioreactors Market Breakdown by End User

10.1.1.7 UK

10.1.1.8 Overview

10.1.1.9 UK: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.9.1 UK Bioreactors Market Breakdown by Scale

10.1.1.9.2 UK Bioreactors Market Breakdown by Application

10.1.1.9.3 UK Bioreactors Market Breakdown by Technology

10.1.1.9.4 UK Bioreactors Market Breakdown by End User

10.1.1.10 Italy

- 10.1.1.11 Overview
- 10.1.1.12 Italy: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.1.1.12.1 Italy Bioreactors Market Breakdown by Scale
 - 10.1.1.12.2 Italy Bioreactors Market Breakdown by Application
 - 10.1.1.12.3 Italy Bioreactors Market Breakdown by Technology
 - 10.1.1.12.4 Italy Bioreactors Market Breakdown by End User
- 10.1.1.13 Spain
- 10.1.1.14 Overview
- 10.1.1.15 Spain: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.1.1.15.1 Spain Bioreactors Market Breakdown by Scale
 - 10.1.1.15.2 Spain Bioreactors Market Breakdown by Application
 - 10.1.1.15.3 Spain Bioreactors Market Breakdown by Technology
 - 10.1.1.15.4 Spain Bioreactors Market Breakdown by End User
- 10.1.1.16 Rest of Europe
- 10.1.1.17 Overview
- 10.1.1.18 Rest of Europe: Bioreactors Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.1.1.18.1 Rest of Europe Bioreactors Market Breakdown by Scale
 - 10.1.1.18.2 Rest of Europe Bioreactors Market Breakdown by Application
 - 10.1.1.18.3 Rest of Europe Bioreactors Market Breakdown by Technology
 - 10.1.1.18.4 Rest of Europe Bioreactors Market Breakdown by End User

11. BIOREACTORS MARKET-INDUSTRY LANDSCAPE

- 11.1 Overview
- 11.2 Growth Strategies in the Bioreactors Market
- 11.3 Inorganic Growth Strategies
 - 11.3.1 Overview
- 11.4 Organic Growth Strategies
 - 11.4.1 Overview

12. COMPANY PROFILES

- 12.1 PBS Biotech Inc
 - 12.1.1 Key Facts
 - 12.1.2 Business Description
 - 12.1.3 Products and Services
 - 12.1.4 Financial Overview
 - 12.1.5 SWOT Analysis

- 12.1.6 Key Developments
- 12.2 Cellexus International Ltd
 - 12.2.1 Key Facts
 - 12.2.2 Business Description
 - 12.2.3 Products and Services
 - 12.2.4 Financial Overview
 - 12.2.5 SWOT Analysis
 - 12.2.6 Key Developments
- 12.3 General Electric Co
 - 12.3.1 Key Facts
 - 12.3.2 Business Description
 - 12.3.3 Products and Services
 - 12.3.4 Financial Overview
 - 12.3.5 SWOT Analysis
 - 12.3.6 Key Developments
- 12.4 Merck KGaA
 - 12.4.1 Key Facts
 - 12.4.2 Business Description
 - 12.4.3 Products and Services
 - 12.4.4 Financial Overview
 - 12.4.5 SWOT Analysis
 - 12.4.6 Key Developments
- 12.5 Thermo Fisher Scientific Inc
 - 12.5.1 Key Facts
 - 12.5.2 Business Description
 - 12.5.3 Products and Services
 - 12.5.4 Financial Overview
 - 12.5.5 SWOT Analysis
 - 12.5.6 Key Developments
- 12.6 bbi-biotech GmbH
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 SWOT Analysis
 - 12.6.5 Key Developments
- 12.7 Sartorius AG
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services

- 12.7.4 Financial Overview
- 12.7.5 SWOT Analysis
- 12.7.6 Key Developments
- 12.8 Pall Corp
 - 12.8.1 Key Facts
 - 12.8.2 Business Description
 - 12.8.3 Products and Services
 - 12.8.4 Financial Overview
 - 12.8.5 SWOT Analysis
 - 12.8.6 Key Developments
- 12.9 Solaris Biotechnology SRL
 - 12.9.1 Key Facts
 - 12.9.2 Business Description
 - 12.9.3 Products and Services
 - 12.9.4 Financial Overview
 - 12.9.5 SWOT Analysis
 - 12.9.6 Key Developments
- 12.10 Applikon Biotechnology BV
 - 12.10.1 Key Facts
 - 12.10.2 Business Description
 - 12.10.3 Products and Services
 - 12.10.4 Financial Overview
 - 12.10.5 SWOT Analysis
 - 12.10.6 Key Developments

13. APPENDIX

- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

I would like to order

Product name: Europe Bioreactors Market Forecast to 2030 - Regional Analysis - by Scale (Lab-Scale Production, Pilot-Scale Production, and Full-Scale Production), Application (Microbial Application, Cell Culture Application, and Others), Technology (Fed-Batch Bioreactors and Perfusion Bioreactors), and End User (Biopharma Manufacturers, Research and Development Organizations, and Contract Manufacturing Organization)

Product link: <https://marketpublishers.com/r/EFA5AC6E988FEN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EFA5AC6E988FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970