

Freedonia Focus Reports
World Collection



World Bioreactors

August 2015



Highlights

World Overview and Forecasts
Bioreactors Definition | Demand by Product Type

Regional Segmentation and Forecasts
Regional Demand Overview

Industry Structure
Industry Composition and Characteristics | Companies Cited

Resources

CLICK TO ORDER
FULL REPORT

CLICK TO ORDER
BROCHURE
FULL REPORT

ABOUT THIS REPORT

Scope & Method

This report forecasts for 2015 through 2019 world demand for bioreactors by product type and major world region in US dollars at the manufacturers' level. Product types include:

- stainless steel
- single-use.

Major world regions include:

- USA
- Europe
- Asia
- Latin America
- all other regions.

Demand by product type is also forecast for each major world region.

Demand by product type and region is provided for a 2014 base year.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Unless otherwise indicated, both historical and forecasted demand values are expressed in US dollars at a fixed 2014 rate of exchange with local currencies.

Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

World Bioreactors (FW40064) is based on [a comprehensive industry report](#) published by Kalorama Information in August 2015.

Market forecasts are based on an examination of current market conditions and on investigations into the development of new products by key companies. The market data are generated into multiple-year forecasts for different product segments covered in the report. The information presented in this report is the result of data gathered from company product literature and other corporate brochures and documents, as well as

information found in the scientific and trade press. In addition, interviews were conducted with company executives and researchers.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
325412	Pharmaceutical Preparation Mfg	2834	Pharmaceutical Preparations
325414	Biological Product (except Diagnostic) Mfg	2836	Biological Products, Except Diagnostic Substances

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Table of Contents

Section	Page
About This Report	i
Highlights.....	1
World Overview & Forecasts.....	2
Bioreactors Definition.....	2
Table 1 Traditional & Single-Use Bioreactor System Features	4
Demand by Product Type	6
Stainless Steel.	6
Chart 1 World Stainless Steel Bioreactor Demand, 2014-2019 (US\$ bil)	7
Single-Use.	12
Chart 2 World Single-Use Bioreactor Demand, 2014-2019 (US\$ mil)	13
Chart 3 Single-Use Bioreactor Usage by Process, 2014	14
Regional Segmentation & Forecasts	17
Regional Demand Overview	17
Chart 4 World Stainless Steel Bioreactor Demand by Region, 2014-2019 (US\$ bil).....	17
Chart 5 World Single-Use Bioreactor Demand by Region, 2014-2019 (US\$ mil)	18
Industry Structure	19
Industry Composition & Characteristics	19
Chart 6 World Single-Use Bioreactor Market Share by Supplier, 2014	19
Applikon Biotechnology BV.	19
Danaher Corporation.	20
Eppendorf AG.	20
GE Healthcare.	21
EMD Millipore Corporation.....	21
Sartorius AG.	22
Thermo Fisher Scientific Inc.	23
Companies Cited	24
Resources	25

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
PDF bookmarks are also available for navigation.

RESOURCES

Kalorama Information

The Worldwide Market for Bioreactors, August 2015

www.kaloramainformation.com

[see study contents](#)

The Freedonia Group

www.freedoniagroup.com

Related Industry Studies

3446 World Medical Disposables, August 2016

[see study contents](#)

3378 Disposable Medical Supplies, February 2016

[see study contents](#)

3269 World Pharmaceutical Packaging, July 2015

[see study contents](#)

3280 Pharmaceutical Chemicals, June 2015

[see study contents](#)

Related Focus Reports

Healthcare: United States

[see report contents](#)

Medical Equipment & Supplies: United States

[see report contents](#)

Pharmaceutical Chemicals: United States

[see report contents](#)

Pharmaceutical Packaging: United States

[see report contents](#)

Pharmaceuticals: United States

[see report contents](#)

World Medical Disposables

[see report contents](#)

Freedonia Custom Research

[see capabilities](#)

Trade Publications

Drug Discovery & Development (USA)

www.dddmag.com

Drug Topics (USA)

<http://drugtopics.modernmedicine.com>

Genetic Engineering & Biotechnology News (USA)

www.genengnews.com

IHS Chemical Week (USA)

www.chemweek.com

Pharmaceutical Technology (USA)

www.pharmtech.com

US Pharmacist (USA)

www.uspharmacist.com

Agencies & Associations

American Association of Pharmaceutical Scientists

www.aaps.org

American Chemical Society

www.acs.org

Bio-Process Systems Alliance

www.bpsalliance.org

Biotechnology Innovation Organization

www.bio.org

Drug, Chemical & Associated Technologies Association

www.dcat.org

Generic Pharmaceutical Association

www.gphaonline.org

National Institutes of Health

www.nih.gov

Pharmaceutical Industry Association of Puerto Rico

www.piapr.org

Pharmaceutical Research and Manufacturers of America

www.phrma.org

United States Food and Drug Administration

www.fda.gov

World Health Organization

www.who.int

Environmental Impact. Please consider the environment before printing this report. Freedonia Focus Report collections feature environmentally friendly products distributed entirely via electronic channels.