

# **Biopharmaceutical Processing Equipment and Consumables Market by Product Type {Filtration, Chromatography [Consumables, Equipment], Disposable Bioreactors, Cell Culture Media, Shakers, Services), Application (Vaccine, mAb, R&D), and End User- Forecast to 2029**

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## **Abstracts**

Biopharmaceutical Processing Equipment and Consumables Market by Product Type {Filtration, Chromatography [Consumables, Equipment], Disposable Bioreactors, Cell Culture Media, Shakers, Services), Application (Vaccine, mAb, R&D), and End User- Forecast to 2029

The biopharmaceutical processing equipment and consumables market is expected to grow at a CAGR of 10.3% from 2022 to 2029 to reach \$70.84 billion by 2029.

Succeeding an extensive secondary and primary research and in-depth analysis of the market scenario, the report carries out the key industry drivers, restraints, challenges, and opportunities. The growth in the biopharmaceutical processing equipment and consumables market is mainly attributed to the various initiatives supporting the adoption of biopharmaceuticals, capacity expansions undertaken by various biopharmaceutical companies, and growing adoption of single-use bioprocessing in commercial bioproduction. In addition to this, emerging economies, growing developments in personalized medicines, and the shift towards bioprocessing 4.0 industries are likely to offer opportunities for market growth.

Based on product type, the filtration systems segment is estimated to account for the largest share of the market in 2022. The key factors attributing to the largest share are

the repetitive use of filtration systems across each stage in the bioprocessing and technological advancements in the filtration systems. The technological advancements in filtration largely focus on improving filtration titers and developing single-use filtration systems.

Based on application, the market is segmented into commercial bioproduction and research bioproduction. The commercial bioproduction segment is estimated to account for the largest share of the market in 2022. To meet the growing demand for biopharmaceuticals, biopharmaceutical companies are expanding their production capacities, developing new facilities, and moving to the emerging biopharmaceutical hubs like India and Singapore, further accelerating the demand for biopharmaceutical processing equipment.

Based on end user, the contract development and manufacturing organizations (CDMOs) segment is likely to emerge with the fastest growth over the forecast period. A trend of biopharmaceutical manufacturing outsourcing is supporting market growth.

An in-depth analysis of the geographical scenario of the biopharmaceutical processing equipment and consumables market provides detailed qualitative and quantitative insights of five major geographies (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa) along with the coverage of major countries in each region.

Europe is estimated to command the largest share of the biopharmaceutical processing equipment and consumables market in 2022, followed by North America, Asia-Pacific, Latin America, and Middle East & Africa. Presence of leading biopharmaceutical processing equipment and consumables manufacturers, increasing sales of drugs, support from government and regulatory authorities to promote the use of biopharmaceuticals for various health indications, and various companies expanding their manufacturing capacities as well as their operations.

Some of the key players operating in the global biopharmaceutical processing equipment and consumables are 3M Company (U.S.), Thermo Fisher Scientific, Inc. (U.S.), Bio-Rad Laboratories, Inc. (U.S.), Danaher Corporation (U.S.), Agilent Technologies, Inc (U.S.), Repligen Corporation (U.S.), Sartorius AG (Germany), Merck KGaA (Germany), Eppendorf AG (Germany), and Solaris Biotechnology Srl (Italy).

Scope of the Report:

Global Biopharmaceutical Processing Equipment and Consumables Market, by Product

*Biopharmaceutical Processing Equipment and Consumables Market by Product Type {Filtration, Chromatography [Con...*

## Type

Filtration Systems

Chromatography Equipment and Consumables

Consumables

Equipment

Bioreactors

Reusable Bioreactors

Disposable/Single-use Bioreactors

Cell Culture Products

Cell Culture Media

Cell Culture Media, by Physical Form

Dry Powder Media

Liquid Media

Cell Culture Media, by Type

Off-the-Shelf Media

Custom Media

Cell Culture Media, by Source

Chemically Defined Media

Natural Media

Reagents and Supplements

Cell and Cell Lines

Serum

Mixing Systems

Bioprocessing Containers

Sterilizers

Centrifuges

Incubators

Shakers

Biosafety Cabinets

Other Equipment and Consumables

Services

Note: Other equipment and consumables include membrane adsorbers, cell disruption reagents, pipettes, syringes, vials, closures, tubing, connectors, and sensors

Global Biopharmaceutical Processing Equipment and Consumables Market, by Application

Commercial Bioproduction

Vaccine Manufacturing

mAb Production

Recombinant Protein Production

Cell and Gene Therapy Production

Research Bioproduction

Global Biopharmaceutical Processing Equipment and Consumables Market, by End User

Pharmaceutical and Biopharmaceutical Companies

Contract Development and Manufacturing Organizations (CDMOs)

Academia and Research Institutes

Global Biopharmaceutical Processing Equipment and Consumables Market, by Geography

North America

U.S.

Canada

Europe

Germany

U.K.

France

Italy

Spain

Switzerland

Denmark

Ireland

Belgium

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

South Korea

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

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