

# **Downstream Bio-processing Controllers Market by Procedure (Chromatography, TFF), Product (Chromatography Controller System, TFF Controller System, Disposable Flow Path], Application (Commercial, Research), and End User - Global Forecasts to 2025**

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## **Abstracts**

Downstream Bio-processing Controllers Market by Procedure (Chromatography, TFF), Product (Chromatography Controller System, TFF Controller System, Disposable Flow Path], Application (Commercial, Research), and End User– Global Forecasts to 2025

The global downstream bio-processing controllers market is expected to grow at a CAGR of 17.3% from 2019 to reach \$1.92 billion by 2025.

Succeeding an extensive secondary and primary research and in-depth analysis of the market scenario, the report carries out an impact analysis of the key industry drivers, restraints, challenges, opportunities, and trends. The factors such as growing demand for biopharmaceuticals, rising adoption of single-use bio-processing equipment and consumables, and capacity expansion by biopharmaceutical manufacturers - are driving the growth of global downstream bio-processing controllers market. Moreover, opportunities from emerging Asia-Pacific and Latin American market, expected surge in biosimilar production in the U.S., growing demand for personalized medicine, and increase in the support from government for biopharmaceutical research supports the growth of this market. However complex development and manufacturing process of biopharmaceuticals and obstacles in raising funds for early biopharmaceutical start-ups hinders the growth of this market.

Tangential flow filtration (TFF) products segment (TFF controller system, TFF disposable flow path) is estimated to command the largest share of the global downstream bio-processing controllers market in 2019 and is expected to continue its dominance during the forecast period, mainly due to their increasing adoption to reduce processing time with single use flow path by skipping cleaning and sterilization procedures.

The downstream bio-processing controllers market for pharmaceutical & biotechnology companies (end user segment) is estimated to hold the largest share of the global market in 2019. This is attributed to growing number of pharmaceutical & biotech industries globally, capacity expansion by the key players, and high consumption of single use technology bio-processing equipment and consumables by pharmaceutical & biotechnology companies.

An in-depth analysis of the geographical scenario of the downstream bio-processing controllers market provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa) along with the coverage of major countries in each region. North America region is estimated to command the largest share of the global downstream bio-processing controllers market in 2019, followed by Europe, Asia-Pacific, Latin America, and Middle East & Africa. The large share of this region is mainly attributed to a large number of ongoing biologics' drug discovery & development programs, presence of key biopharmaceutical manufacturers and their large bioproduction capacities, and high demand for biopharmaceuticals in the region.

Key players operating in the global downstream bio-processing controllers market are Merck Group, Danaher Corporation, GE Healthcare, ARTeSYN Biosolutions Ireland Ltd, Parker Hannifin Corporation, Sepragen Corporation, Parker-Hannifin Corporation, 3M Company, VERDOT Ips?, Repligen Corporation, and Sartorius AG.

### **Scope of the Report:**

#### Market by Procedure

Tangential Flow Filtration

Chromatography

## Market by Product

Tangential Flow Filtration (TFF)

TFF Controller System

Disposable Flow Paths

Chromatography

Chromatography Controller System

Disposable Flow Paths

## Market by Application

Commercial Bioprocessing

Monoclonal Antibody Production

Therapeutic Protein Production

Vaccine Production

Cell and Gene Therapy

Research Bioprocessing

## Market by End user

Pharmaceutical & Biotechnology Companies

Contract Manufacturing Organizations

Academic & Research Institutes

## Market by Geography

### North America

U.S.

Canada

### Europe

Germany

Italy

France

U.K.

Spain

Rest of Europe (RoE)

### Asia-Pacific (APAC)

Japan

China

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

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