

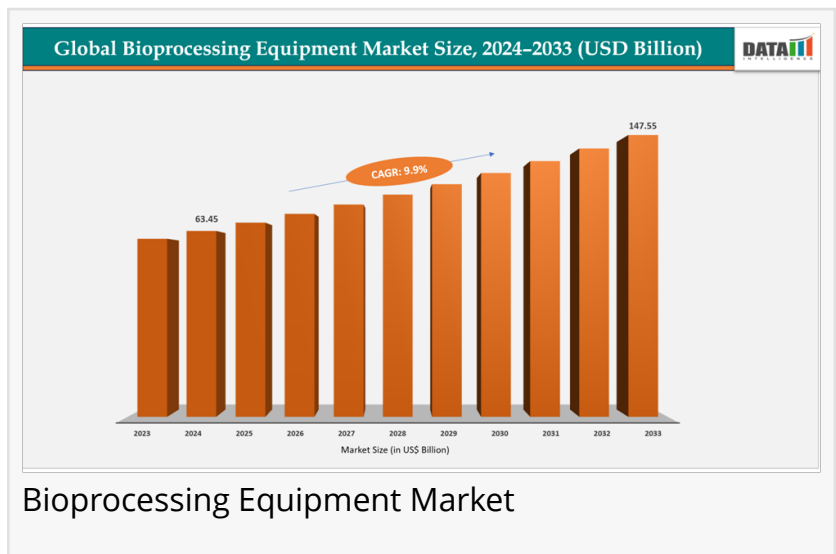
Bioprocessing Equipment Market to Reach US\$147.55 Billion by 2033 at 9.9% CAGR | DataM Intelligence

Bioprocessing equipment market to reach US\$147.55B by 2033, propelled by biologics demand, CDMO capacity growth, and rapid adoption of single-use technologies.

LOS ANGELES, CA, UNITED STATES,
November 14, 2025 /

EINPresswire.com/ -- Global

[bioprocessing equipment market](#) size reached US\$ 58.14billion with rise of US\$63.45billion in 2024 is expected to reach US\$ 147.55billion by 2033, growing at a CAGR of 9.9% during the forecast period 2025-2033.



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Rising biologics, cell therapy pipelines, and single-use adoption are transforming global biomanufacturing capacity requirements."

DataM Intelligence

USA - Industry Latest News 2025:

□ 25 Feb 2025 — Thermo Fisher announced plan to acquire Solventum's Purification & Filtration business.

□ 14 Jul 2025 — Waters Corporation to merge with Becton, Dickinson's Biosciences & Diagnostic Solutions in a ~\$17.5B deal (major consolidation in bioseparations/analytics).

□ 29 Jul 2025 — Cytiva (bioprocessing division) launched the ÄKTA readyflux TFF system 500 for smaller-scale manufacturing (new product launch).

Japan - Industry Latest News 2025:

□ 08 Apr 2025 — AGC Biologics announced installation of two 5,000 L Thermo Scientific DynaDrive single-use bioreactors at its new Yokohama CDMO facility (large-scale SUB deployment).

Korea - Industry Latest News 2025:

□ Apr 2025 — Samsung Biologics brought its Plant-5 / Bio Campus II capacity online (Plant 5 operational timeline targeted for April 2025 — major capacity expansion).

□ Jul 2025 — Thermo Fisher opened/expanded bioprocess support presence in Korea with a Bioprocess Design / Supply centre in the Songdo bio cluster (local service & tech centre).

Europe - Industry Latest News 2025:

□ 01 Jul 2025 — Sartorius completed the acquisition of MatTek Corp (microtissue/3D-models business) — M&A to broaden cell-culture/cell-analysis portfolio.

□ 17 Jun 2025 — Sartorius Stedim Biotech announced expanded manufacturing and R&D capacities in Aubagne, France (single-use bag production, automated lines).

□ 15 Oct 2025 — Merck (Germany) announced agreement to acquire the chromatography business of JSR Life Sciences (major bioseparation-related M&A in Europe).

Market Geographical Share:

North America holds a significant share of the global bioprocessing equipment market, driven by a strong presence of biopharmaceutical manufacturers, advanced bioprocessing infrastructure, and consistent investment in biologics and biosimilar development. The U.S. leads the region with high adoption of single-use systems, continuous bioprocessing technologies, and large-scale biomanufacturing capabilities.

Europe accounts for a major portion of the market, supported by a mature biotechnology ecosystem, government-backed research funding, and strong demand for monoclonal antibodies, cell & gene therapies, and vaccines. Countries such as Germany, the U.K., and France remain key contributors due to their expanding GMP-certified production facilities.

The Asia-Pacific region is witnessing the fastest growth, driven by expanding biopharma manufacturing capacity in China, India, South Korea, and Singapore. Cost-efficient production, rising biologics demand, and government initiatives supporting biotech innovation continue to attract global CDMOs and equipment manufacturers to the region.

Market Drivers:

□ Rising Demand for Biologics

Growing prevalence of chronic diseases has accelerated the development of biologics, monoclonal antibodies, recombinant proteins, and cell therapies—driving significant need for advanced bioprocessing systems.

□ Expansion of Biomanufacturing Capacity

Biopharmaceutical companies and CDMOs continue expanding large-scale and flexible manufacturing facilities, increasing demand for fermenters, bioreactors, filtration systems, and purification equipment.

□ Shift Toward Single-Use Technologies

The industry is rapidly adopting single-use bioprocessing systems due to their lower contamination risk, reduced cleaning requirements, and operational efficiency, especially in small-batch and clinical-scale production.

□ Growth of Cell & Gene Therapy Development

Rising pipelines for gene therapies, viral vectors, and regenerative medicine products require highly specialized bioprocessing technologies, boosting demand for scalable and automated systems.

□ Technological Advancements and Automation

Integration of automation, real-time monitoring, AI-driven analytics, and continuous processing improves product yield and consistency, encouraging manufacturers to upgrade bioprocessing infrastructure.

□ Increased Vaccine Production

Post-pandemic expansion of global vaccine production capacity has accelerated investments in upstream and downstream bioprocessing equipment across emerging and established manufacturing hubs.

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Segments Covered in the Bioprocessing Equipment Market:

By Product Type (Bioreactors, Filtration Systems, Chromatography Systems Cell Culture Systems, Mixing Systems, Control & Monitoring Systems, Others)

By Process (Upstream Processing, Downstream Processing)

By Application (Vaccines, Gene & Cell Therapy, Monoclonal Antibodies (mAbs), Recombinant Proteins, Others)

By End User (Biopharmaceutical Companies, Contract Manufacturing Organizations (CMOs), Academic & Research Institutes)

Regional Analysis for Bioprocessing Equipment Market:

□ North America (U.S., Canada, Mexico)

□ Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

□ Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

□ South America (Colombia, Brazil, Argentina, Rest of South America)

□ Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Major Key Players: Thermo Fisher Scientific, Inc., Sartorius AG, Danaher Corporation (Cytiva), Merck KGaA, Eppendorf, Bionet, Solaris Biotech, PBS Biotech, Inc., Applikon Biotechnology (Gethinge / Applikon) and Celartia.

□ Sartorius AG: Market leader in single-use and bioprocess solutions generated ~€3.4 billion sales in 2024 with Bioprocess Solutions a core revenue driver (large share in single-use consumables, filters, bioreactors).

□ Danaher Corporation (Cytiva/Pall): Major global player in upstream/downstream bioprocessing — Danaher's bioprocess franchises (notably Cytiva/Pall) represent a multibillion-dollar business (~\$5–7B scale in recent disclosures) and are widely used by CDMOs and pharma manufacturers.

□ Merck KGaA (MilliporeSigma): Large life-science incumbent with extensive bioprocessing portfolio (filtration, chromatography, media) — part of a healthcare/life-science group with ~€21.2B group sales (2024) and active M&A to strengthen bioprocessing capabilities.

□ Eppendorf: Mid-market specialist focused on lab and small-scale bioreactors, instruments and consumables ~€980M revenue in 2024, positioning it as a key supplier for research & process

development rather than large commercial manufacturing.

□ Bionet: Niche bioreactor/fermenter manufacturer (benchtop □ industrial) with a strong product range (single-use and multi-use bioreactors) used by academic labs and regional manufacturers notable for flexible lab-to-pilot solutions in APAC/EMEA.

□ Solaris Biotech: European (Italy) supplier of benchtop, pilot and industrial bioreactors and filtration systems a specialist OEM serving research and small-to-mid commercial processes (focused product portfolio rather than mass market share).

□ PBS Biotech: Fast-growing niche player in single-use vertical-wheel bioreactors for cell & gene therapies and cell-based manufacturing small relative revenue vs majors but strong adoption in cell-therapy process development (recent estimated revenue in the low-tens of millions).

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