From reactor to harvest to purification in a single-use closed system

Thermo Fisher Scientific’s BioProcess centrifugation solutions

Thermo Fisher Scientific brings flexibility to BioProcess harvesting with a suite of new and proven solutions. Centrifugation-ready single-use BioProcess Containers enable closed-system handling of critical sterile liquids from reactor vessel to downstream purification applications – because quality and compliance are critical to ensuring aseptic liquid and solid transfer in the manufacturing process. These next-generation centrifuge-ready BioProcess Containers provide a single-use, sterilized, closed-system for cell harvesting in BioProcessing.

Key features:
- Product security: Reduce contamination risk during each step of harvesting
- Single-use: Eliminate post-use cleaning steps required with reusable containers
- Flexibility: Independent of cell type, or cell volume processed

Applications:
- Bioprocess harvesting
- Single-use fermentation harvesting up to 50L
- Clarification prior to filtration

Products for BioProcess harvesting

Next-generation centrifuge-ready BioProcess Containers provide a single-use, sterilized, closed system for cell harvesting in BioProcessing.

Key features:
- Process efficiency: Design for centrifugation, enabling gentle, high-throughput, high-efficiency separation
- BioProcess quality: Rigorous quality controls and assurance practices, industry-standard materials and manufacturing processes
- Run-log data accessibility: Run log data is readily accessible, ensuring electronic data capture and audit trails

Compliance and traceability

Your processed product must comply with regulation and be audit-ready.

The BIOS 16 Centrifuge is enabled with software solutions such as Centri-Log™ Plus that allow for data collection by process control systems, reporting, archiving, regulatory and auditing activities in compliance with standard operating procedures.

From reactor to downstream purification in a single-use closed system BioProcess Container

From reactor to harvest to purification in a single-use closed system

Higher harvest yields
Increase productivity
Reduce contamination rates
Save time

Single-use
- Centrifuge CFIIP compatibility
- Process efficiency monitoring
- Aseptic liquid and solid transfer
- Improved process efficiency

Sterile, closed system
- Ready-to-use, no decontamination validation
- Helps reduce risk of cross-contamination
- Allows aseptic reconstitution and liquid transfer

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Look to Thermo Fisher Scientific for performance and collaboration

- Improved workflows throughout the BioProcessing workflow
- Highly configurable options for varied lab needs
- Expert support for optimizing your lab operations
- Designed to assist with GMP/GLP compliance
- Worldwide manufacturing network