



Single-Use

Bioreactor System

- Pre-Sterilized Bag, No cleaning or sterilization needed
- Powerful & flexible DeltaV based BioNet Control System
- All bag contact parts are single-use, Class VI tested and arrive ready for use
- Simplifies validation processes
- 50 through 1,000 Liter working volumes
- Scalable technology to support increasing volume demands
- Minimizes investment
Maximizes return



- A Single-Use Alternative to Conventional Stirred Tank Bioreactors
- Animal Derived Component Free (ADCF) Film
- Sizes 50 Liter through 1,000 Liter

Thermo
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The Thermo Scientific HyClone S.U.B. (Single-Use Bioreactor) with BioNet® control provides all the advantages of single-use bioprocessing with the power and flexibility of DeltaV™ control.

The BioNet S.U.B. System is a turnkey product to replace the long lead time stainless steel bioreactor vessels used previously. The combination of BioNet® and HyClone products results in a flexible, rapid, and powerful option to quickly update or increase your bioreactor capacity.

The System consists of a reusable stainless steel outer support container and HyClone S.U.B. BioProcess Container (BPC®) which integrate with the BioNet/DeltaV Bioreactor Control System.



Bioreactor

Control
System

Single-Use



Advanced Management of Networked Disposable
Bioreactors with the BioNet[®] Bioreactor Control System.

Modular Designs
Wireless Options
Easily Expanded
Intuitive Operator Interface
Integrated Data Historian

Thermo
SCIENTIFIC

HyClone S.U.B.
Single-Use Bioreactor



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