BENCHTOP PRODUCTION SCALE BIOREACTOR

- 80L-100L fed-batch equivalent
- Accommodates 1x cell culture cartridge
- Linear scale-up to larger systems
- Single-use cultureware is supplied sterile and ready to use
- Simplified R&D disposable cartridge options available at a lower price point
- Integrated refrigerator for continuous harvest
- Automated control and monitoring of pH, temperature, tissue perfusion rate, and harvest rate
- Remote monitoring and management
- Electronic log records raw materials, technician log-ins, process changes, periodic sensor values, and alarms

APPLICATIONS

- Manufactures expressed proteins from mammalian and insect cell lines:
  - Monoclonal antibodies
  - Recombinant proteins
- Supports adherent and suspension cells
- Diagnostic, therapeutic, veterinary, and research applications

FEATURES

- Perfusion
- Extended Run Lengths
- Automation
- Continuous Harvest
- Concentrated Product
- Benchtop
- Linear Scale-Up to Larger Systems
- Single-Use

BENEFITS

- Supports high cell density for maximum production
- Production flexibility
- Decreases labor, protects quality
- Protects product by collecting into a refrigerator
- Reduces downstream processing
- Large production, small footprint
- Reduce scale-up validation time and expense
- No cleaning validation, rapid turnaround time

SPECIFICATIONS

- Weight: 30 kg
- Facility Temperature: 20-30°C ambient
- Facility Requirements: 100% CO₂, 11-13 psi
- Dimensions (cm): 51 W x 51 D x 48 H
- Electrical Requirements: Single Phase, 100-240 VAC, maximum 600 Watts, 1 outlet

For more information, contact:
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