



Flexible Facilities: Up to 2,000L cell culture in the space of a refrigerator

FLEXIBLE PRODUCTION SCALE BIOREACTOR

- 500-2000L Fed-batch equivalent
- Accommodates 6x-20x cell culture cartridges
- Linear scale-up from C3's benchtop systems
- Single-use cultureware is supplied sterile and ready to use
- Integrated refrigerator for continuous harvest
- Fully automated control of pH, incubator and refrigerator temperature, pumps, and EC Cycling (tissue perfusion)
- Remote monitoring and alarm system
- 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



Xcellerator Cultureware: 6x-20x culture cartridges

FEATURES

Perfusion	Supports high cell density for maximum production
Extended Run Lengths	Production flexibility
Automation	Decreases labor, protects quality
Continuous Harvest	Protects product by collecting into a refrigerator
Concentrated Product	Reduces downstream processing
Compact with Wheels	Easily rearrange facilities
Multiple Cultureware	Choose production scale to match batch size needs
Size Options	
Single-Use	No cleaning validation, rapid turnaround time

BENEFITS

SPECIFICATIONS

Weight	418 kg
Facility Temperature	18-20°C ambient
Facility Requirements	100% CO ₂ , 14-16 psi
Dimensions (cm)	134 W x 85 D x 203 H
Electrical Requirements	Single phase, 100-230 VAC, peak draw 5,000 Watts