

Frozen Transfers With Celsius® – Linking Drug Substances to Drug Product Sites Worldwide

Overview



1. Complete Solutions

Complete solutions from one supplier create reliable platform logistics for consistent operations.

Complete Logistics for Celsius® FFT



Complete Logistics for Celsius®-Paks



Full Control of Process Logistics - Optimized Accessories from Fill to Drain Safe and Robust Handling – Qualified Shippers and Shipping Methods

Benefit From Exceptional Robustness, Reliable Platform Solutions, and Scalability to Expand Your Frozen Product **Transfers With Confidence**

Maximum Product Security

- Safe and easy-to-use minimizes risk of product loss
- Long-term product integrity and stability
- Safe international shipments without temperature excursions

Excellent Process Reliability

- Consistency builds stronger cold chain operations and improves output
- Application support and accountability when you need it

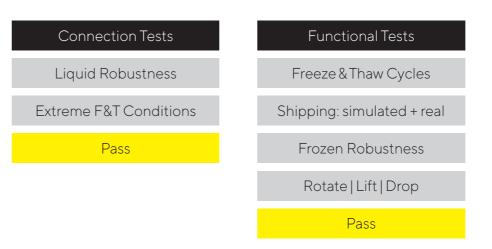
Increased Production Flexibility

- Low-risk and quick adoption today
- with flexibility to expand tomorrow Consistent quality and design
- control ensure business continuity
- Stability assessments for earlier and smarter process decisions

2. Robust Solutions

Fully integrated, proven systems produce exceptional robustness that safeguards frozen product throughout its lifecycle.

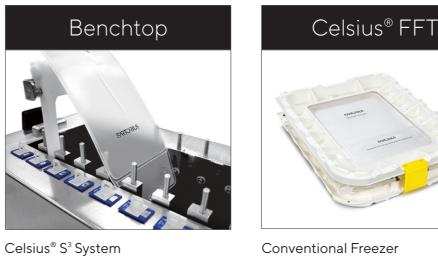




- Bag + container + system + shipper + extensive tests with Design and Process Control
- Proven robustness down to -80°C

3. Scalable Solutions

Scalable solutions ensure easy adoption today and create opportunity for tomorrow's frozen transfers.



Celsius® FFTp



(6 L - 12 L)

Horizontal Plate Freezer

Celsius® FT33 | 66 | 100 (1 L - 100 L)

15-years innovation leader in F&T technologies for bioprocess

(2 L - 12 L)

■ 250,000 Celsius® bags sold

 $(30 \, mL - 100 \, mL)$

■ 15 commercial apps for BDS