

Cryoport Elite® 28L Ultra Cold Shipping System

The **Cryoport Elite® Ultra Cold Shipping Systems** are available for both general purpose and advanced therapy shipments that consist of high-value commodities.

This scientifically designed dry ice shipping system mitigates risk through automated escalation by utilizing our:

- Smartpak™ Condition Monitoring System
- Cryoport® Logistics Management Platform
- Live View® Application
- 24/7/365 Customer Support

Recommended commodities: cell & gene therapies, vaccines, vectors, and other irreplaceable materials.



ATS™

GP

28 Liter Specifications

Temperature Range

Internal: -60 to -80°C
Operational: -20 to +60°C
Storage: -20 to +25°C

Dynamic Hold Time

5+ days | 140+ hours

Exterior

20.50 L x 21.15 W x 20.34 H in
52.07 x 53.72 x 51.66 cm

Interior

11.75 L x 11.75 W x 11.75 H in
29.85 x 29.85 x 29.85 cm

Payload

8 L x 8 W x 5.25 H in
20.32 x 20.32 x 13.34 cm

Weight

55 - 60 lb / 25 - 27 kg (empty with payload holding system)
90 - 100 lb / 41 - 45 kg (fully loaded with dry ice)

Storage Capacity - Boxes

2 standard cryovial boxes (5 x 5 x 2 in / 127 x 127 x 51 mm)
8 Cryoport cryovial boxes (5.75 W x 2 L x 2 H in / 146 x 51 x 51 mm) - 30 vials per box (240 total cryovials) - Safepak® XL
10 Cryoport cryovial boxes (5.75 W x 2 L x 2 H in / 146 x 51 x 51 mm) - 30 vials per box (300 total cryovials)

*Cryoport cryovial boxes contain vials with 2.0 ml or less

Storage Capacity - Blood Bag Cassettes

13 blood bag cassettes in flat orientation - 250 ml
18 blood bag cassettes in flat orientation - 50 ml

Benefits

- The hold time exceeds industry standards to support international and challenging shipping lanes for a minimum duration of 140 hours.
- Built with the ability to stack the shipping systems for storage efficiency.
- Certification that cross-contamination from plant or animal materials is not a concern with Cryoport Systems' Advance Therapy Shippers® as nonhuman-based materials are prohibited in this shipping system.
- Most rigorously and independently validated dry ice shipper in the life sciences industry; Qualified and validated to industry standards (ISTA 3A, ISTA 3B, ISTA 7E, ASTM D4169, IATA Cat B, IP53 Rated).

Contact Info

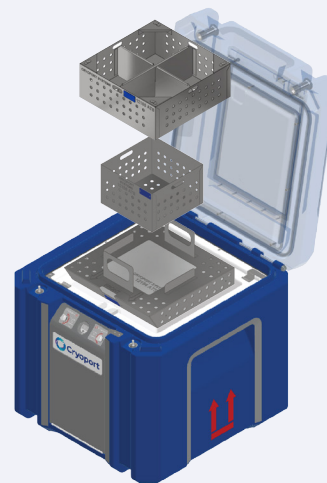
cryoport.com
info@cryoport.com
+1 949.232.1900



Payload Holding Systems

Patent-pending payload holding system reduces commodity movement during transit. The stainless steel material exhibits efficient thermal resistance, facilitating consistent cooling across all sides of the payload.

The payload holding system includes a standard-sized payload carrier and can be customized to accommodate various commodity volumes and sizes according to the client's immobilization needs.



Key Features

Front compartment door safely houses the Smartpak II® Condition Monitoring System

Dual flush latches prevent accidental opening during transit

Document enclosure lid provides a dedicated and secure location for shipping documents, labels and accessories

Near real-time internal temperature monitor display for reading without opening

Nested handles for easy lifting

Back panel etched with locations for all necessary labels

Concealed off-gassing mechanisms

