

# Cryoport Elite® 56L

## 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

### 56 Liter Specifications

#### Temperature Range

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

#### Dynamic Hold Time

7+ days | 185+ hours

#### Exterior

24.55 L x 23.85 W x 23.93 H in / 62.36 x 60.58 x 60.79 cm

#### Interior

15 L x 15 W x 15 H in / 38.1 x 38.1 x 38.1 cm

#### Payload

12.75 L x 7.625 W x 8.25 H in / 32.39 x 19.37 x 20.96 cm

#### Weight

75 - 85 lb / 34 - 39 kg (empty with payload holding system)  
97 - 107 lb / 45 - 49 kg (empty with pallet)  
145 - 155 lb / 66 - 70 kg (fully loaded)  
167 - 177 lb / 76 - 80 kg (fully loaded with pallet)

#### Storage Capacity - Boxes

8 standard cryovial boxes (5 x 5 x 2 in / 127 x 127 x 51 mm)  
24 Cryoport cryovial boxes (5.75 W x 2 L x 2 H in / 146 x 51 x 51 mm) - 30 vials per box (720 total cryovials) - Safepak® XL  
36 Cryoport cryovial boxes (5.75 W x 2 L x 2 H in / 146 x 51 x 51 mm) - 30 vials per box (1,080 total cryovials)

\*Cryoport cryovial boxes contain vials with 2.0 ml or less

#### Storage Capacity - Blood Bag Cassettes

40 blood bag cassettes in flat orientation - 250 ml  
45 blood bag cassettes in flat orientation - 50 ml

#### Pallet

30 x 30 x 5.75 in / 76.2 x 76.2 x 14.6 cm

### Benefits

- The hold time exceeds industry standards to support international and challenging shipping lanes for a minimum duration of 185 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

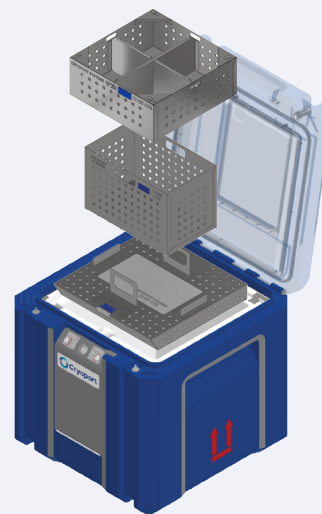
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## Payload Holding Systems

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

Palletization is required and included for all shipments over 150lbs

Nested handles for easy lifting

Back panel etched with locations for all necessary labels

Concealed off-gassing mechanisms

