

CRYOPORT ELITE™ ULTRA COLD -60 TO -80°C SHIPPERS

PRODUCT OVERVIEW

- The Cryoport Elite™ Ultra Cold Shipper is a **proprietary, scientifically-designed and reusable** dry ice shipper for high value commodities
- The **reusable dry ice shipper** maintains consistent temperatures during shipments for longer than **140+ hours** (exceeding industry standard), prevents accidental openings during shock, and tilt events, provides near real-time internal temperature monitoring of the shipper and external condition monitoring via the industry-leading Smartpak II® Condition Monitoring System
- Available in 2 sizes – **28L and 56L**
- Part of **Advanced Therapy Shipper™** & General Purpose shipper types
- Solution includes Smartpak II® Condition Monitoring System, Cryoport® Logistics Management Platform, Live View™ interface and 24/7/365 Customer Support to monitor shipments and mitigate risk with automated escalation
- Recommended Commodities: Cell & Gene Therapies, vaccines, vectors, high value materials

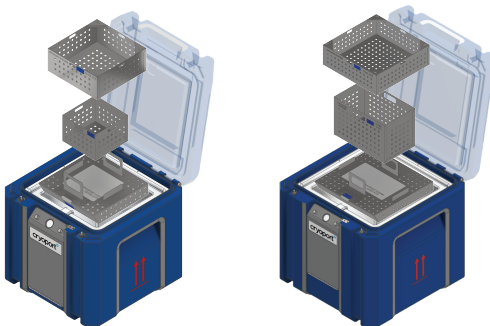


Industry Leading
Patent Pending Design

BENEFITS

- Shipper **hold times exceed the industry standard** to support international and challenging shipping lanes
- Dual flush latches prevent accidental openings during transit; As an additional safety feature, dual latches require both hands to open the shipper
- Thoughtfully designed and dedicated document storage location for easy document access and management
- Ability to stack shippers for efficient storage management
- As part of Cryoport Systems' **Advanced Therapy Shipper™** type, Cryoport Systems certifies the shipper has never contained nonhuman-based materials, virtually eliminating the possibility of cross contamination from plant or animal materials
- 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, ISTA 7D, ASTM D4169, IATA Cat B, IP53 Rated)

PAYLOAD HOLDING SYSTEM

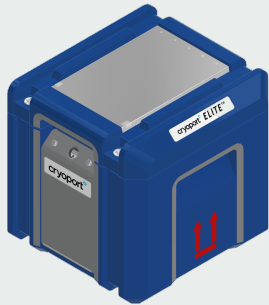


28L

56L

- Patent-pending payload holding system reduces commodity movement during transit
- The **payload holding system provides consistency in cooling** around all sides of the payload by centering and stabilizing the payload in the shipper
- Stainless steel material conducts cooling to the payload and is rugged for challenging in-transit lanes
- The payload holding system includes a standard size payload carrier and is also **fully customizable** to meet various commodity sizing and immobilization needs (different volumes, geometries, sizing)
- The payload holding system is **decontaminated after each use** with Cryoport Systems' validated cleaning and disinfection process, **Veri-Clean®**

28 LITER



Temp Range

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



Static Hold Time

5+ days | 140+ hours



Exterior

20.50" L x 21.15" W x 20.34" H



Interior

11.75" L x 11.75" W x 11.75" H



Payload

8" L x 8" W x 5.25" H



Weight

90-100 lb (fully loaded with dry ice);
55-60 lb (empty with payload
holding system)



Pallet

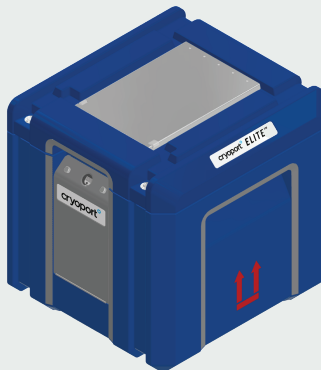
2x2 in 2 levels (8 total)
48" x 48" pallet



Recommended Capacity

Patient materials, source
materials, etc

56 LITER



Temp Range

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



Static Hold Time

7+ days | 185+ hours



Exterior

24.55" L x 23.85" W x 23.93" H



Interior

15" L x 15" W x 15" H



Payload

12.75" L x 7.625" W x 8.25" H (This can
be customized to fit packaging needs)



Weight

145-155 lb (fully loaded with dry ice);
75-85 lb (empty with payload
holding system)



Pallet

2x2 in 1 level (4 total)
48" x 48" pallet

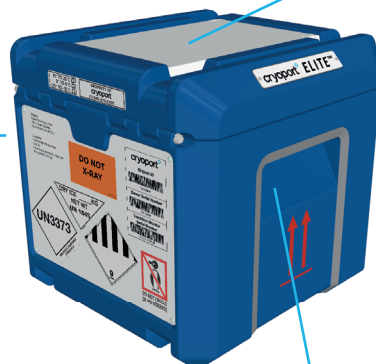


Recommended Capacity

Large bulk quantities of vaccines,
vials, cryovial boxes, etc

KEY FEATURES

BACK PANEL ETCHED
WITH LOCATIONS FOR
ALL NECESSARY LABELS



DOCUMENT ENCLOSURE LID
PROVIDES A DEDICATED
AND SECURE LOCATION
FOR SHIPPING DOCUMENTS,
LABELS AND ACCESSORIES

NESTED HANDLES
FOR EASY LIFTING

DUAL FLUSH LATCHES
PREVENT ACCIDENTAL
OPENING DURING
TRANSIT



NEAR REAL-TIME INTERNAL
TEMPERATURE MONITOR
DISPLAY ON FRONT SIDE
OF THE SHIPPER
(TEMPERATURE READ
WITHOUT OPENING
THE SHIPPER)

FRONT COMPARTMENT
DOOR SAFELY HOUSES
THE SMARTPAK II®
CONDITION MONITORING
SYSTEM

- CONCEALED OFF-GASSING MECHANISMS
- PALLET STACKABLE
- INDUSTRY LEADING HOLD TIME
- IP53 RATED PROTECTION AGAINST INTRUSION, DUST, ACCIDENTAL CONTACT, WATER

FOR MORE INFO:

