

Cryoport Express® Cryogenic - High Volume

The **Cryoport Express® High Volume Shipping Systems** are available for both general purpose and advanced therapy shipments to accommodate larger payloads and international shipping lanes. This scientifically engineered liquid nitrogen dry vapor shipping system mitigates risk throughout transportation by leveraging our:

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

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



ATS



GP

Specifications

Temperature Range

-150°C or colder

Static Hold Time

Up to 10 days

Exterior

22" diameter x 28" tall

Interior Chamber

8.5" diameter
12" depth

Weight - Dry

57 lb / 26 kg

Weight - Charged

77 lb / 35 kg

Storage Capacity - Boxes

5 standard cryovial boxes (5" x 5" x 2")
1 Safepak®XL with optional Cryostrap®
1 metal cryovial box rack

Storage Capacity - Canes

6 Safepak® bags - 15 canes per bag (75 cryovials total)
100 canes with 5 vial clips (2.0 ml per cane)*
4 metal canisters (25 canes per canister)*

*Canes (500 total cryovials) - each cane holds 5 vials

Storage Capacity - Cassettes

9 cassettes (up to 11.3" x 6.5" x 0.5"); additional quantities depending on cassette size
1 Safepak®XL with optional Cryostrap®
1 metal cassette rack

Benefits

- A purpose-built hinged lid houses our Smartpak II® condition monitoring system to protect data reliability during transit. For added security, the lid can be affixed with a zip tie.
- The innovative 360-degree handle allows operators to easily manipulate the vapor plug using gloves and a single hand.
- Fleece-lined vapor plug enhances the hold time and nitrogen evaporation rate (NER), regulating the temperature within the specimen chamber.
- Foam inside the enclosure reduces dewar movement, increases impact resistance, and provides more space for shipping documentation and accessories.
- 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 shipper fleet.

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