

UPGRADED CRYOPORT EXPRESS® HIGH VOLUME CRYOGENIC GENERAL PURPOSE SHIPPER™

The Cryoport Express® High Volume Cryogenic General Purpose Shipper is an IATA certified, non-hazardous, pre-packaged, dry vapor shipper. The upgraded High Volume Shipper is the latest enhancement to our Cryoport Express® product line and provides even more security for your irreplaceable commodities, integrating the most advanced packaging, informatics and logistics capabilities available on the market today. The enhanced model also improves usability and adheres to the strictest industry standards while maintaining hold time, shipping performance, and near real-time monitoring. For materials that need to be kept at frozen temperatures, trust the most advanced solution available – the signature Cryoport Express® High Volume Shipper.



Specifications	High Volume Shipper
Dynamic Holding Time	Up to 10 days
Holding Temperature	-150°C or colder
Specimen Chamber	8.5" (215.9 mm) diameter, 12" (304.8 mm) depth
Storage Capacity – Boxes <ul style="list-style-type: none"> 405 vials: Five 5" x 5" x 2" cryovial boxes 81 vials (2.0 ml) per box 500 vials: Five 5.25" x 5.25" x 2" cryovial boxes 100 vials (2.0 ml) per box 	Accessories Metal cryovial box rack OR Safepak®XL Tyvek Bag with optional Cryostrap®
Storage Capacity – Canes <ul style="list-style-type: none"> 500 vials 100 canes Five vials (2.0 ml) per cane 	Accessories Up to 4 metal canisters with 25 canes per canister OR Up to 6 Safepak® Tyvek bags with 15 canes per bag
Storage Capacity – Cassettes <ul style="list-style-type: none"> 9 cassettes (up to 11.13" x 6.5" x 0.5") Additional quantities depending on cassette size 	Accessories Metal cassette rack OR Safepak®XL Tyvek Bag with optional Cryostrap®
Weight	Dry - 57 lb / 26 kg; Charged - 77 lb / 35 kg
Outer Container	22" (558.8 mm) diameter x 28" (711.2 mm) tall

KEY NEW FEATURES & BENEFITS:

- New, purpose-built hinged lid securely houses our Smartpak II® condition monitoring system. The hinged lid provides robust protection for the Smartpak II® which improves data reliability during transit.
- For extra security, the hinged lid can be secured with a zip tie to prevent unauthorized access into the shipper. The new zip tie loop on the hinged lid provides enhanced functionality with simple, one-handed threading.
- Innovative 360-degree handle on vapor plug allows for an easy, one-handed grip with a gloved hand.
- Vapor plugs are fleece-lined to maintain temperatures inside the specimen chamber. The fleece material improves Nitrogen Evaporation Rate (NER) and hold time while in the upright and side orientations.
- Modified foam inside the enclosure reduces dewar movement, increases impact resistance and provides more space for shipping documentation and accessories.

