

Cryoport Express® High Volume Liquid Nitrogen Dry Vapor Shipper

Specifications

The Cryoport Express® high volume dry vapor shipper has six times the capacity of the standard shipper. It uses the same dry vapor liquid nitrogen technology to maintain temperatures below -150°C with a dynamic shipping endurance of 10 days. The high volume shipper is reconditioned and revalidated and delivers superior cryogenic shipping conditions that virtually eliminate temperature excursions that can damage samples and cause cell viability loss.

Specifications:

Dynamic Holding Time:	10 days
Holding Temperature:	-150°C
Core Technology:	Dry vapor liquid nitrogen
Specimen Chamber:	8.5" (215.9 mm) diameter, 12" (304.8 mm) depth
Storage Capacity:	Five 5"x 5" x 2" cryovial boxes, 81 2.0 ml vials per box = 405 vials; five 5.25" x 5.25" x 2" cryovial boxes, 100 2.0 ml vials per box = 500 vials; six Tyvek bags with 15 5-vial canes per bag, 75 2.0 ml vials per bag = 450 vials
Dimensions of the Internal Canister:* When using for Category A & B substances	7.3" (185.42 mm) diameter, 8.6" (218.44 mm) depth
Weight:	Dry: 50 lbs/22.7 kg; Charged: 71 lbs./32.2 kg
Domestic Dimensional:	79.68 lbs/36.14 kg
International Dimensional:	94.01 lbs/42.64 kg
Outer Box:	22" (558.8 mm) diameter x 27" (685.8 mm) tall

IATA Rated for Category A and B

10-day dynamic holding time validated under normal shipping conditions