

MVE CryoShipper Vapor Series



MVE Vapor Shippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures. Manufactured from durable, lightweight aluminum, the MVE CryoShipper Vapor Series employs a hydrophobic compound which absorbs the liquid nitrogen to ensure dry, spill-free vapor-phase shipping.

A protective shipping carton is available for all models (except the SC 20/12V). These containers may be used to ship your samples with a “non-hazardous” classification throughout the world, thus reducing costs and helping to assure sample viability.

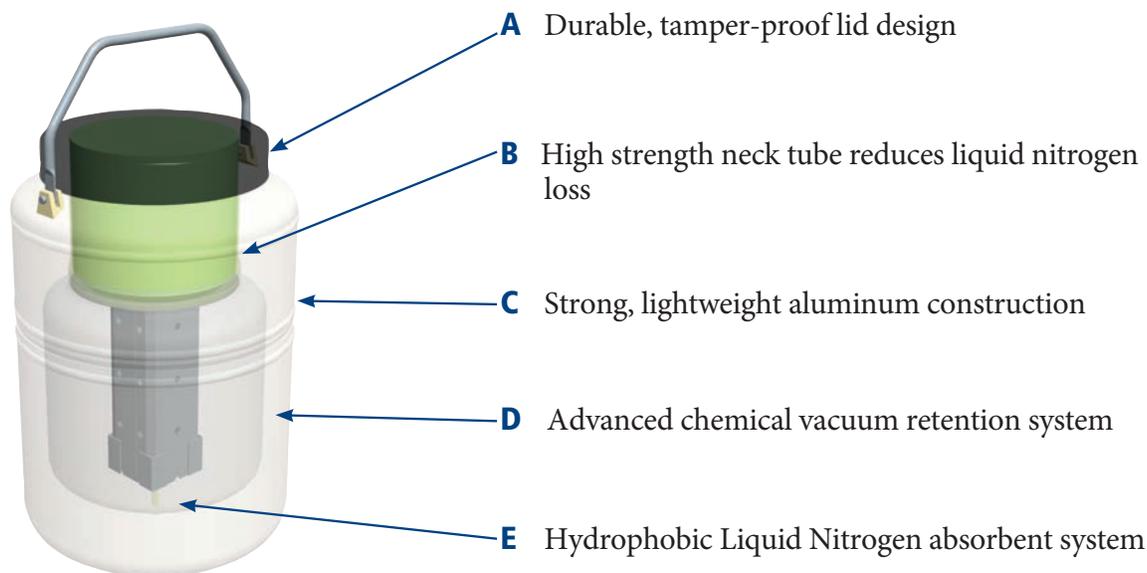
Features Include:

- Protective shipping carton to ensure upright shipping
- Low liquid nitrogen consumption
- Convenient lightweight package

Visit www.chartbiomed.com for more information.

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Tank Features



	SC 2/1V	SC 4/2V	SC 4/3V	SC 20/12V	XC 20/3V**	Mini Moover	Cryo-Moover	Cryo Shipper Mini	Cryo Shipper	Cryo-Shipper XC	IATA
Maximum Storage Capacity											
No. of Canisters	1	1	1	6	4 + 1 Center	1	7	-	1 Rack	-	Secondary Container
No. of 1/2 cc Straws 10/cane	-	280	120	540	2500/2000**	60	3080	-	-	-	-
No. of 1/2 cc Straws 1 Level Bulk	88	440	210	780	3750/3000**	88	4354	-	-	-	-
No. of 1/4 cc Straws 1 Level Bulk	182	938	452	1630	7410/6000	185	-	-	-	-	-
No. of 1.2 & 2.0 ml Vials 5/cane	-	95	40	150	675/560**	20	945	-	-	-	-
No. of 1.2 & 2.0 ml Vials 6/cane	9	106	48	180	840/672**	24	1134	-	500	966 (Bulk)	-
No. of blood bags stored 4R9953	-	-	-	-	-	-	-	-	10	10	-
Performance											
LN2 Capacity L	1.5	3.6	4.3	12.3	6.8	2.9	4.2	5.9	8.5	10.0	11.8
Static Holding Time Days	8	13	21	85	16	14	12	7	10	14	14
Static Evaporation Rate* L/day	0.19	0.26	0.20	0.09	0.35	0.20	0.35	0.84	0.85	0.85	0.80
Unit Dimensions											
Neck Opening in. (mm)	1.40 (35.0)	2.75 (70.0)	2.00 (51.0)	2.00 (51.0)	3.81 (96.7)	1.40 (35.0)	3.80 (97.0)	8.50 (216.0)	8.50 (216.0)	8.50 (216.0)	8.50 (216.0)
Overall Height in. (mm)	13.5 (343)	18.4 (468)	19.4 (492)	25.7 (652)	25.0 (635)	19.5 (495)	22.0 (558)	20.0 (508)	21.5 (546)	23.0 (584)	24.0 (610)
Outer Diameter in. (mm)	7.25 (184)	8.70 (222)	8.70 (222)	14.50 (368)	14.50 (368)	7.20 (184)	18.30 (464)	11.60 (295)	14.50 (369)	15.00 (381)	15.00 (381)
Canister Height in. (mm)	5.0 (127)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	11.0 (278)	-	-	12.5 (317.5‡)	8.5 (215)
Canister Diameter in. (mm)	1.20 (31)	2.62 (67)	1.81 (46)	1.50 (38)	3.20 (80)	1.20 (31)	3.10 (79)	-	-	-	7.50 (190)
Weight Empty lb. (kg)	6.0 (2.7)	10.0 (4.5)	11.0 (5.0)	25.0 (11.3)	25.0 (11.3)	9.0 (4.1)	30.5 (13.8)	23 (10.4)	26.2 (11.9)	33.0 (15.0)	33.0 (15.0)
Weight Charged lb. (kg)	8.0 (3.6)	15.5 (7.0)	17.0 (7.7)	43.0 (19.5)	43.0 (19.5)	12.5 (5.7)	37 (16.8)	32 (14.5)	41.3 (18.7)	50.5 (22.9)	50.5 (22.9)
Weight Full lb. (kg)	9.0 (4.1)	20.0 (9.1)	21.0 (9.5)	56.5 (25.6)	38.4 (17.4)	15.5 (7.0)	87 (39.5)	45 (20.4)	54.5 (24.7)	73.0 (33.1)	73.0 (33.1)

* Without inventory

**Minimum width required for vessel to pass through opening. Footprint may vary. Contact Tech Service for detailed drawings.

‡Usable Height

THREE Year Vacuum Warranty

Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.