



CRYOGENIC PRODUCTS & SERVICES

Design

Installation

Service

Inspection

THAMES CRYOGENICS LTD

Total Cryogenic Solutions



MVE Cryoshipper Series



Key Features

- Protective shipping carton to ensure upright shipping
- Low liquid nitrogen consumption
- Convenient lightweight package
- QWick Series CHARGES IN LESS THAN TWO HOURS
- Hydrophobic liquid nitrogen absorbent system

THREE year warranty.

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MVE Vapor Shippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures. MVE CryoShipper QWick Series utilizes an absorbent wicking material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapor shipping. Manufactured from durable, lightweight aluminum, both series employ 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.

CryoShipper QWick Series	QWick 6/9	QWick 10/100	QWick 14/48	QWick 62/180		QWick 14/24		QWick 9/500	QWick 10/950		
Static Holding Time Days	6	10	14	62		14		9	10		
Vapor Series	SC 2/1V	SC 4/2V	SC 4/3V	SC 20/12V	XC 20/3V**	Mini Moover	CryoShipper Mini	Cryo Moover	Cryo Shipper	Cryo Shipper XC	IATA
Static Holding Time Days	8	13	21	85	16	14	7	12	10	14	14
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	2.500/2.000**	60	-	3.080	-	-	-
No. of 1/2 cc Straws 1 Level Bulk	88	440	210	780	3.750/3.000**	88	-	4.354	-	-	-
No. of 1/4 cc Straws 1 Level Bulk	182	938	452	1630	7.410/6.000	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	5,9	4,2	8,5	10,0	11,8
Static Evaporation Rate* L/day	0,19	0,26	0,20	0,09	0,35	0,20	0,84	0,35	0,85	0,80	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)	8,50 (216,0)	3,80 (97,0)	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)	20,0 (508)	22,0 (558)	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)	11,60 (295)	18,30 (464)	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)	11,0 (5,0)	13,0 (5,9)	30,0 (13,6)	28,4 (12,9)	8,0 (3,6)	16,5 (7,5)	30,5 (13,8)	26,2 (11,9)	31,0 (14,1)	29,0 (131,0)
Weight Full lb. (kg)	8,8 (4,0)	17,0 (7,7)	20,6 (9,3)	52,0 (23,6)	38,4 (17,4)	11,6 (5,3)	34,3 (15,5)	38,0 (17,2)	41,3 (18,7)	48,0 (21,8)	50,5 (22,9)