



MVE CryoSystem Series

Low nitrogen consumption dewar

The MVE CryoSystem Series combines the benefits of low nitrogen consumption with mid-range vial capacity to meet the diverse needs of today's professionals worldwide. The lightweight and low-space demands of these containers make them one of the most economical units in their class.

Key Features

- Designed for medium vial storage capacity
- Low liquid nitrogen consumption
- Optional rollerbase system for easy moveability



MVE CryoSystem Series

	Cryosystem 750	Cryosystem 2000	Cryosystem 4000	Cryosystem 6000
Maximum Storage Capacity				
○ Number of Racks	6	4	4	6
○ Number of 1.2 & 2.0 ml vials 100/box	-	2,000	4,000	6,000
○ Number of 1.2 & 2.0 ml vials 25/box	750	-	-	-
○ Boxes per Rack	5	5	10	10
Performance				
○ LN ₂ Capacity w/o Inventory L est.	47	71	121	175
○ LN ₂ Capacity w/Inventory L est.	45	51	111	150
○ Static Evaporation Rate* L/day	0.39	0.85	0.99	0.99
○ Working Duration** Full Days	76	38	66	104
Unit Dimensions				
○ Neck Opening in. (mm)	5.0 (127)	8.5 (216)	8.5 (216)	8.5 (216)
○ Overall Height in. (mm)	26.50 (673)	27.25 (692)	38.00 (965)	37.9 (963)
○ Outer Diameter in. (mm)	20 (508)	22 (559)	22 (559)	26.5 (673)
○ Weight Empty lb. (kg)	42 (19.0)	58 (26.3)	81 (36.7)	103 (46.7)
○ Weight Full lb. (kg)	126 (57)	182 (82.5)	300 (136)	425 (193)

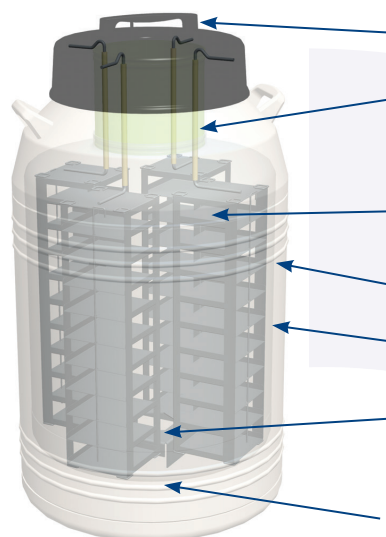
* Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of container use, atmospheric conditions, and manufacturing tolerances.

** Working Duration is an arbitrary reference, to estimate container performance under normal operating conditions in liquid storage. Actual working time may vary due to current atmospheric conditions, container history, manufacturing tolerances and patterns of use.

THREE Year Vacuum Warranty • TWO Year Parts Warranty

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

Tank Features



- A** Durable, tamper-proof lid design
- B** High strength neck tube reduces liquid nitrogen loss
- C** Racks
- D** Strong, lightweight aluminum construction
- E** Advanced chemical vacuum retention system
- F** Spider design on platform for easy retrieval and insertion of product canisters
- G** Liquid Nitrogen Reservoir