

# ***CRYOSYSTEM SERIES***



The MVE Cryosystem 750, 2000, 4000 and 6000 combine the benefits of low nitrogen consumption with mid-range vial capacity to meet the diverse needs of today's professionals worldwide. The light weight and low space demands of these containers make them the most economical units in their class. Chart MVE cryogenic vessels are performance leaders through innovation, super insulation and vacuum technology.

## **PRODUCT FEATURES:**

- Large Neck Opening
- Long Nitrogen Holding Times
- 3 Year Vacuum Warranty
- Lightweight Aluminum Design
- Easy Access To Stored Samples

# CRYOSYSTEM SERIES



## SPECIFICATIONS

Model	Cryosystem 750	CryoSystem 2000	CryoSystem 4000	CryoSystem 6000
<b>Maximum Storage Capacity</b>				
Number Of Racks	6	4	4	6
Number of 1.2 & 2.0 ml vials (100/Box)	750	2000	4000	6000
Boxes Per Rack	5 (25 Cell)	5	10	10
<b>Performance</b>				
Liquid nitrogen capacity (liters)	47.4	61	121	175
Static Evaporation Rate (liters/day)	0.39	.85	.99	.99
Working Volume (liters)	47	51	111	165
Normal Working Duration (Days)	76	38	70	104
<b>Unit Dimensions</b>				
Neck opening (in/mm)	5 (127)	8.5 (216)	8.5 (216)	8.5 (216)
Overall height (in/mm)	26.5 (673)	27.5 (680)	37.5 (950)	37.5 (950)
Outside diameter (in/mm)	20 (508)	22 (559)	22 (559)	26 (665)
Weight empty (lbs/kg)	42 (19)	53 (24)	96 (43)	107 (48)
Weight full (lbs/kg)	120 (54.6)	161 (73.3)	312 (141.5)	419 (190)

\* 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.

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

- Durable, tamper-proof lid design
- Easy maintenance lid design
- Superior strength, lightweight aluminum construction
- High strength neck tube reduces liquid nitrogen loss
- Advanced Chemical Vacuum Retention System - designed for superior vacuum performance
- Spider design - for easy retrieval and insertion of product canisters
- Insulation - MVE's advanced insulation system provides maximum thermal performance

## ACCESSORIES:

- Caster Base
- Spare Corks
- Liquid Level Measuring Stick
- Transfer Hose
- Phase Separator
- Boxes (2" or 3" Plastic or Cardboard)
- Racks 2", 3" or Round Canister
- Liquid Level Alarm

## THREE Year Vacuum Warranty

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

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