

MVE CryoSystem Series



The MVE Cryosystem 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.

The Cryosystem Series offers the following features:

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

MVE CryoSystem Series

Specifications

Model	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)	750	2000	4000	6000
Boxes Per Rack	6 (25 Cell)	5	10	10
Performance				
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
Unit Dimensions				
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)

* 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.

MVE Bio-Medical Division, Chart Industries, Inc.

3505 County Road 42 West, Burnsville, MN 55306-3803 U.S.A.

Phone: 952-882-5000 . 888-683-2796 Local Fax: 952-882-5172 . www.chartbiomed.com

