

# 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 versatile 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. 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

<b>Model</b>	<b>CryoSystem 2000</b>	<b>CryoSystem 4000</b>	<b>CryoSystem 6000</b>
<b>Maximum Storage Capacity</b>			
Number Of Racks	4	4	6
Number of 1.2 & 2.0 ml vials (100/Box)	2000	4000	6000
Boxes Per Rack Vials	5	10	10
<b>Performance</b>			
Liquid nitrogen capacity (liters)	61	121	175
Static Evaporation Rate (liters/day)	.85	.99	.99
Working Volume (liters)	51	111	165
Normal Working Days	38	70	104
<b>Unit Dimensions</b>			
Neck opening (in/mm)	8.5 (216)	8.5 (216)	8.5 (216)
Overall height (in/mm)	27.5 (680)	37.5 (950)	37.5 (950)
Outside diameter (in/mm)	22 (559)	22 (559)	26 (665)
Weight empty (lbs/kg)	53 (24)	96 (43)	107 (48)
Weight full (lbs/kg)	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

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

