

### KEY PRODUCT FEATURES AND BENEFITS

- 750 to 6,000 Vial capacity
- Large neck opening
- Easy access to stored samples
- Long nitrogen holding times
- Durable, tamper-proof lid design
- Easy maintenance lid design
- Superior strength, lightweight aluminium construction
- Low nitrogen loss
- Spider design - for easy retrieval and insertion of product canisters



### PRODUCT DESCRIPTION:

**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.

**Lower Lifetime Costs** - The unique design of the MVE Cryosystem range with its high strength neck tube, advanced chemical vacuum retention systems and advanced insulation system all provide maximum thermal performance which reduces liquid nitrogen boil off minimising your liquid nitrogen consumption.

**Sample Security** - The MVE Cryosystem range have long liquid nitrogen holding times as a result of the superior vacuum performance, which is maintained over the life of the product, providing enhanced security for stored samples.

**User Friendly Features** - The large neck opening and spider design allows for easy retrieval and insertion of samples. The Cryosystem range has a durable, tamper proof lid design and long nitrogen holding times.

**Efficient Use of Space** - The light weight and low space demands of these containers make them the most economical units in their class.

**Warranty** - Three year vacuum warranty. The reliability and life of Chart MVE's products is well renowned due to the rugged design, high quality welds and advanced vacuum technology.

**CryoService Deliver a Total Solution** - to meet a wide variety of Cryopreservation requirements. This includes liquid gases and associated storage vessels, super insulated vacuum transfer pipelines, the best liquid nitrogen vapour storage freezers on the market, oxygen depletion systems and business management outputs – a total package from one provider. The Chart MVE range extends from a broad line of liquid and vapour phase freezers for straw, ampoule & blood bag storage to lightweight aluminium shippers and Dewars.

# CRYOPRESERVATION EQUIPMENT

## CRYOSYSTEM SERIES – MID-RANGE VIAL CAPACITY LIQUID STORAGE

### DETAILED SPECIFICATION

Model Name	CryoSystem 750	CryoSystem 2000	CryoSystem 4000	CryoSystem 6000
<b>MAX STORAGE CAPACITY</b>				
Number of Racks	6	4	4	4
No. of 1.2 & 2.0ml Vials (100/Box)	750	2,000	4,000	6,000
Boxes per Rack	5 (25 Cell)	5	10	10
<b>PERFORMANCE</b>				
Liquid Nitrogen Capacity (litres)	47.4	61	121	175
Static Evaporation Rate (litres/day)*	0.39	0.85	0.99	0.99
Normal Working Duration (days)**	76	38	70	104
<b>UNIT DIMENSIONS</b>				
Overall Height (mm)	673	680	950	950
Outside Dimensions (mm)	508	559	559	665
Neck Opening (mm)	127	216	216	216
Weight Empty (kg)	19	24	43	48
Weight Full (kg)	54.6	73.3	141.5	190



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

### ACCESSORIES:

The following accessories are available to compliment the CryoSystem range.

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