

MVE 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 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	5 (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 times 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.

THREE Year Vacuum Warranty

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

CryoStock

The Cryo Stock Series is a set of cryobiological containers conceived for storage of biological samples in racks. Cryotubes, vials and straws can be stored in liquid or vapour phase. All containers are equipped with racks in stainless steel and are compatible with standard cryoboxes. Racks for 5ml tubes or with drawers for goblets are also available. All racks have individual locking springs to keep the boxes or drawers in position. The containers are made of aluminium with a fiberglass / epoxy neck. These materials offer excellent thermal performance and guarantee a long holding time and low nitrogen consumption.



PRODUCT SPECIFICATIONS

MODEL	Cryo 750	Cryo 3600	Cryo 5400	Cryo 6600
PERFORMANCE				
Useful capacity (l)	48.5	100	148	197
Full weight (kg) (without racks)	62	126.5	174.5	221
Total height (mm)	707	748	920	1076
Outer diameter (mm)	500	680	680	680
Static loss (l/day) (without racks)	0.27	0.65	0.65	0.65
Static autonomy in vapour phase storage (days) (without racks)	180	154	228	303
STORAGE CAPACITY				
Racks quantity	6	6	6	6
Cryovials O12mm				
Number of levels - H:52mm	5 (25vials/levels)	6 (100vials/levels)	9 (100vials/levels)	11 (100vials/levels)
Cryovials 2ml	750	3600	5400	6600
Storage Capacity Goblets o65x135mm				
Number of levels	2	2	4	4
	1 by level	4 by level	4 by level	4 by level

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