



MVE Stock Series



MVE Stock Series tanks are primarily designed for storage of either vials/straws on canes in liquid nitrogen. In addition to a build intended for long life and durability in service, the ergonomics of sample retrieval is of vital importance in this type of storage environment. Dual lids on the MVE 1370 aid in sample removal while retaining critical temperatures inside the storage area. The rotating sample tray in the 1830 allows for maximized storage space and easy access. All MVE Stock units are built with the emphasis on sample security and the ability to provide safe long-term storage for your most valuable samples.

PRODUCT SPECIFICATIONS

MODEL	MVE 140	MVE 810	MVE 1370	MVE 1830	MVE 18302T
MAXIMUM STORAGE CAPACITY					
Number of 1.2 & 2.0 ml vials in racks	-	11,700	20,800	-	-
Number of racks (100 vials)	-	12 (9/2 rack)	24 (8/2 rack)	-	-
Number of racks (25 vials)	-	4 (9/2 rack)	8 (8/2 rack)	-	-
Total number of racks	-	16	32	-	-
Number of blood bags stored (Fenwal 4R-5461)	-	N/A	N/A	N/A	N/A
Number of SUC-1 canisters (2.5" x 2.5" x 11")	22	61	129	300	561
Number of 1.2 & 2.0 ml vials on canes	3696	11,346	23,994	55,800	104,346
Number of 1/2 cc straws (10/cane)	6820	18,910	39,990	93,000	173,910
PERFORMANCE					
Liquid nitrogen capacity (liters)	39	230	482	860	1400
Power supply	-	24 VDC	24 VDC	24 VDC	24 VDC
UNIT DIMENSIONS					
Neck Opening (in/mm)	16.0 / 406	25 / 635	35.5 / 902	25 / 635	25 / 635
Usable height (in/mm)	12.0 / 305	21.4 / 544	19.4 / 492	13 / 330	2x13 / 2x330
Overall height (in/mm)	16.3 / 414	41.5 / 1054	44 / 1118	40.9 / 1039	53.9 / 1368
Outside diameter (in/mm)	18.0 / 457	31 / 787	42 / 1067	60 / 1524	60 / 1528
Internal diameter (in/mm)	16.0 / 406	28.2 / 716	39.5 / 1003	56 / 1422	56 / 1422
Weight empty (lbs/kg)	48 / 22	250 / 114	410 / 186	984 / 447	1184 / 538
Weight full (lbs./kg)	117 / 53	660 / 300	1269 / 577	2517 / 1144	3700 / 1682

FIVE Year Vacuum Warranty

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