

MVE Series

MVE Cryopreservation Systems are designed to be used for either vapor or liquid storage. A wide neck opening and stainless steel construction provide the most durable environment for your biological samples. With advanced features and storage from 3,200 to 39,000 vials, the MVE series is the choice of laboratories worldwide.

The MVE Series freezers are designed primarily for liquid phase storage. If vapor phase storage is required, ask your distributor about the vapor storage accessory package.



MVE 204*

MVE 205

MVE 510

MAXIMUM STORAGE CAPACITY

	MVE 204*	MVE 205	MVE 510
Number of 1.2 & 2.0 mL vials in racks	3200	5200	10400
Number of racks <i>100 vials</i>	4	4	7
Number of racks <i>25 vials</i>	-	-	4
Total number of racks	4	4	11
Number of Stages per Rack	-	13	13

PERFORMANCE

Liquid nitrogen capacity <i>L</i>	65	95	166
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UNIT DIMENSIONS

Neck opening <i>in (mm)</i>	16 (406)	16 (406)	20.7 (527)
Usable height <i>in (mm)</i>	19.7 (502)	28.9 (735)	30 (762)
Overall height <i>in (mm)</i>	30.8 (784)	41.6 (1059)	46.7 (1185)
Outside diameter <i>in (mm)</i>	18 (457)	20.4x18.5 (518x470)	30.6x29.7 (778x754)
Internal diameter <i>in (mm)</i>	16 (406)	16 (406)	20.7 (527)
Footprint <i>in (mm)</i>	19.4x18.9 (492x479)	20.4x18.5 (518x470)	29.1x30.6 (740x778)
Weight empty <i>lb. (kg)</i>	79 (36)	195 (88)	281 (127)
Weight full <i>lb. (kg)</i>	195 (88)	365 (166)	577 (262)

Blood Bag Capacities (Liquid Phase Storage)

Unit	MVE 204*			MVE 205			MVE 510		
	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames
791 OS/U (25 mL)	-	-	-	539	7	77	882	7	126
4R9951 (50 mL)	-	-	-	228	6	38	420	6	70
4R9953 (250 mL)	-	-	-	128	4	32	224	4	56
4R9955 (500 mL)	-	-	-	96	4	24	160	4	40
DF200 (200 mL)	-	-	-	80	4	20	128	4	32
DF700 (700 mL)	-	-	-	40	4	10	68	4	17

*Number of SUC-1 Canisters is 22

TWO Year Standard Warranty • FIVE Year Vacuum Warranty



MVE 616



MVE 1426



MVE 1839

16900	26650	39000
12	18	28
4	10	8
16	28	36
13	13	13
240	388	673
25.1 (638)	31.75 (806)	39.4 (1002)
29.5 (749)	29.3 (745)	33.6 (854)
45.8 (1161)	42.4 (1076)	54 (1372)
33.5x34.6 (852x878)	33.8x41.6 (858x1056)	46.1x48.3 (1172x1225)
25.13 (638)	31.75 (806)	39.4 (1002)
33.8x33.5 (859x852)	41.6x40 (1056x1017)	48.9x46.8 (1243x1187)
320 (145)	490 (222)	750 (341)
748 (339)	1181 (536)	1950 (885)

MVE 616			MVE 1426			MVE 1839		
Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames
1372	7	196	-	-	-	3968	8	496
612	6	102	924	6	154	1856	8	232
336	4	84	512	4	128	1010	5	202
248	4	62	424	4	106	770	5	154
200	4	50	336	4	84	854	7	122
116	4	29	168	4	42	532	7	76

Units available which conform to MDD 93/42/EEC, the Medical Device Directive for the EU.