

MVE XC Series

MVE XC Series tanks have capacities ranging from 700-5000 straws and 150-1000 vials. Manufactured to a world class level of excellence and backed by a 5 year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments. The XC Series is designed for the user who requires large capacity storage and low liquid nitrogen consumption in a convenient lightweight package.

Product Specifications



	XC Millennium 20	XC 21/6	XC 22/5	XC 32/8
MODEL				
MAX. STORAGE CAPACITY				
Number of canisters	6	9	6	9
No. of 1/2 cc straws 10/cane	720	-	2400	2520
No. of 1/2 cc straws 1 Level Bulk	1122	3870	3666	3960
No. of 1.2 & 2.0 ml vials 5/cane	210	-	810	855
No. of 1.2 & 2.0 ml vials 25/box	-	-	-	-
PERFORMANCE				
Liquid nitrogen capacity L	20.5	21	22.4	32
Static evaporation rate L/day*	0.095	0.35	0.35	0.35
Normal Working Duration days**	140	38	40	57
UNIT DIMENSION				
Neck opening in (mm)	2.18 (55.4)	3.5 (89)	3.81 (97)	3.81 (97)
Overall height in (mm)	25.7 (652)	17.2 (438)	22 (559)	21.5 (546)
Outside diameter in (mm)	14.5 (368)	18.2 (464)	14.5 (368)	18.2 (464)
Canister height in (mm)	11 (279)	5 (127)	11 (279)	11 (279)
Canister diameter in (mm)	1.65 (41.9)	2.75 (70)	3.09 (79)	2.62 (67)
Weight empty lb. (kg)	23 (10.5)	30 (13.6)	26 (11.8)	30 (13.6)
Weight full lb. (kg)	59.5 (27)	62.5 (28.3)	66 (30)	87 (39.5)

FIVE Year Vacuum Warranty

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



Cryo Sleeves



Canes



Measuring Stick



Roller Base



Cork



XC 33/22 XC 34/18 XC 43/28 XC 47/11-6SQ XC 47/11-6 XC 47/11-10

6	6	6	6 sq.	6	10
1260	2100	1260	-	4500	3500
1764	3000	1764	-	6216	5000
360	630	360	-	1320	1050
-	-	-	750	-	-
33.4	34.8	42.2	47.4	47.4	47.4
0.14	0.18	0.14	0.39	0.39	0.39
154	123	193	76	76	76
2.75 (70)	3.5 (89)	2.75 (70)	5 (127)	5 (127)	5 (127)
26 (660)	26.6 (675)	26.4 (670)	26.5 (673)	26.5 (673)	26.5 (673)
18.2 (464)	18.2 (464)	20 (508)	20 (508)	20 (508)	20 (508)
11 (279)	11 (279)	11 (279)	-	11 (279)	11 (279)
2.22 (56)	2.81 (71)	2.22 (56)	-	4 (102)	2.81 (71)
34 (15.4)	34 (15.4)	36 (16.4)	42 (19)	42 (19)	42 (19)
94 (42.5)	96 (43.5)	111 (50.5)	120.4 (54.6)	120.4 (54.6)	120.4 (54.6)

* 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.



Phase Separators



Gloves



Vapor Inserts



25 Vial Boxes