

MVE XC Series

MVE XC Series tanks have capacities ranging from 700- 5000 straws and 210 to over 1000 vials. Manufactured to a world-class level of excellence and backed by an industry-leading 5-year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments. The XC Series offers a range of capacity depending on the user needs. Neck size and canister dimensions vary from model to model in order to optimize the sample capacity, inventory system, or holding time for each application. 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

MODEL	XC 20 Signature	XC 32/8	XC 33/22	XC 34/18	XC 47/11 - 6SQ	XC 47/11- 6	XC 47/11- 10	XC 47/11-6 Dubbel twist	XC 47/11- 10 Dubbel twist
MAX. STORAGE CAPACITY									
Number of canisters	6	9	6	6	6 SQ.	6	10	6	10
No. of 1/2 cc straws (10/cane)	660	2.520	1.260	2.100	-	4.500+	3.500	4.500+	3.500
No. of 1/2 cc straws (1 Level Bulk)	879	3.960	1.764	3.000	-	6.216	5.000	6.216	5.000
No. of 1/2 cc straws (2 Level Bulk)	1.680	-	-	630	-	1.320	1.050	1.320	1.050
No. of 1.2 & 2.0 ml vials (5/cane)	210	855	360	-	750	-	-	-	-
PERFORMANCE									
Liquid nitrogen capacity (liters)	20.5	32.0	33.4	34.8	47.4	47.4	47.4	47.4	47.4
Static evaporation rate (liters/day)*	0.090	0.35	0.14	0.18	0.39	0.39	0.39	0.39	0.39
Normal working duration**	142	57	154	123	76	76	76	76	76
UNIT DIMENSIONS									
Neck opening in (mm)	2.18 (55.4)	3.81 (97)	2.75 (70)	3.50 (89)	5.00 (127)	5.00 (127)	5.00 (127)	5.00 (127)	5.00 (127)
Overall height in (mm)	26.0 (660)	21.5 (546)	26.0 (660)	26.6 (675)	26.5 (673)	26.5 (673)	26.5 (673)	26.5 (673)	26.5 (673)
Outside diameter in (mm)	14.5 (368)	18.2 (464)	18.2 (464)	18.2 (464)	20.0 (508)	20.0 (508)	20.0 (508)	20.0 (508)	20.0 (508)
Inner Canister height in (mm)	11/5 (279/127)	11 (279)	11 (279)	11 (279)	-	11 (279)	11 (279)	11 (279)	11 (279)
Inner Canister diameter in (mm)	1.65 (41.9)	2.62 (67)	2.22 (56)	2.81 (71)	-	4.00 (102)	2.81 (71)	4.00 (102)	2.81 (71)
Weight empty lb. (kg)	22 (10)	30 (13.6)	34 (15.4)	34 (15.4)	42 (19.0)	42 (19.0)	42 (19.0)	42 (19.0)	42 (19.0)
Weight Full lb. (kg)	58.4 (26.5)	87.0 (39.5)	94.0 (42.5)	96.0 (43.5)	120.4 (54.6)	120.4 (54.6)	120.4 (54.6)	120.4 (54.6)	120.4 (54.6)

FIVE Year Vacuum Warranty • TWO Year Parts Warranty

* 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 tolerances.

** Working Duration is an arbitrary reference, to estimate container performance under normal operating conditions in liquid storage. Actual working time may vary due to current atmospheric conditions, container history, manufacturing tolerances and patterns of use. Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU.