

MVE SC Series

MVE offers the widest range of compact aluminum storage tanks available on the market today. Over the past 50 years, our product designs have improved through end-user input and evolved into a unique selection of units. The SC Series is designed for the user who has small capacity needs, but requires long-term storage and low liquid nitrogen consumption in a convenient lightweight package.



Product Specifications

MODEL	SC 3/3	SC 8/5	SC 11/7
MAX. STORAGE CAPACITY			
Number of canisters	6	6	6
No. of 1/2 cc straws 10/cane	-	-	720
No. of 1/2 cc straws 1 Level Bulk	1122	1122	1122
No. of 1.2 & 2.0 ml vials 5/cane	-	-	210
PERFORMANCE			
Liquid nitrogen capacity L	3.6	8.4	11
Static evaporation rate L/day*	0.13	0.15	0.16
Normal Working Duration day**	17	35	43
UNIT DIMENSIONS			
Neck opening in (mm)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)
Overall height in (mm)	16 (406)	18.5 (470)	21.6 (549)
Outside diameter in (mm)	8.7 (222)	10.2 (260)	10.2 (260)
Canister height in (mm)	5 (127)	5 (127)	11 (279)
Canister diameter in (mm)	1.65 (41.9)	1.65 (41.9)	1.65 (41.9)
Weight empty lb. (kg)	8 (3.6)	12 (5.3)	17 (7.7)
Weight full lb. (kg)	14.4 (6.5)	27 (12.1)	36.6 (16.6)

FIVE Year Vacuum Warranty

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

Accessories



Cryo Sleeves



Canes



Cork



Roller Base



SC 16/11

SC Millennium 20

SC 20/20

SC 33/26

SC 36/32

9	6	6	6	6
-	540	540	540	540
1098	780	780	780	780
-	150	150	150	150
16.4	20.5	20.5	33	36.5
0.14	.095	0.09	0.13	0.10
74	135	142	182	224
2.18 (55.4)	2.18 (55.4)	2 (51)	2 (51)	2 (51)
17.5 (444)	25.7 (652)	25.7 (652)	25.9 (657)	27.2 (690)
17.2 (438)	14.5 (368)	14.5 (368)	18.2 (464)	18.2 (464)
5 (127)	11 (279)	11 (279)	11 (279)	11 (279)
1.5 (38)	1.5 (38)	1.5 (38)	1.5 (38)	1.5 (38)
14 (6.4)	23 (10.5)	26 (11.8)	34 (15.4)	34 (15.4)
43 (19.6)	59.5 (27)	62.5 (28.3)	93.4 (42.4)	100 (44.8)

* 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



Measuring Stick



Gloves



Vapor Inserts