

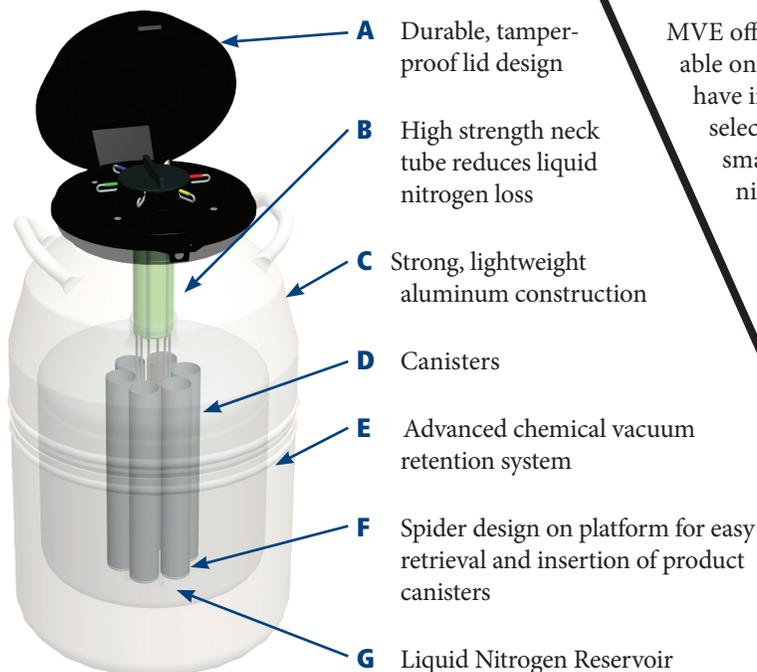
# MVE SC Series



## Features include

- Designed for large capacity storage
- Low liquid nitrogen consumption
- Convenient lightweight package
- SC 20/20 Signature includes Bend Don't Break™ durability feature

## Tank Features



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.

[www.chartbiomed.com](http://www.chartbiomed.com)  
844-MVE-CRYO



	SC 3/3	SC 8/5	SC 11/7	SC 20/20 Signature	SC 33/26	SC 36/32	Super 2
<b>Maximum Storage Capacity</b>							
Number of Canisters	6	6	6	6	6	6	6
Number of 1/2 cc Straws 10/ cane	-	-	660	660	660	660	660
Number of 1/2 cc Straws 1 Level Bulk	440	440	879	879	879	879	879
Number of 1.2 & 2.0 ml vials 5/cane	-	-	210	210	150	150	210
<b>Performance</b>							
LN <sub>2</sub> Capacity w/o Inventory L est.	3.6	8.4	11.0	20.5	33.0	36.5	24.5
Static Evaporation Rate* L/ day	0.13	0.15	0.16	0.085	0.13	0.10	0.085
Working Duration** Full Days	17	35	43	150	182	224	180
<b>Unit Dimensions</b>							
Neck Opening in. (mm)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)	2.18 (55.4)
Overall Height in. (mm)	16.0 (406)	18.5 (470)	21.6 (549)	26.0 (660)	25.9 (657)	27.2 (690)	28.2 (716)
Outer Diameter in. (mm)	8.7 (222)	10.2 (260)	10.2 (260)	14.5 (368)	18.2 (464)	18.2 (464)	14.5 (368)
Canister Height in. (mm)	5.0 (127)	5.0 (127)	11.0 (279)	11.0 (279)	11.0 (279)	11.0 (279)	11.0 (279)
Canister Diameter in. (mm)	1.65 (41.9)	1.65 (41.9)	1.65 (41.9)	1.65 (41.9)	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)	22.5 (10.2)	34 (15.4)	34 (15.4)	26.5 (12)
Weight Full lb. (kg)	14.4 (65)	27.0 (12.1)	36.6 (16.6)	58.99 (26.7)	93.4 (42.4)	100.0 (44.8)	68.4 (31)

\* 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.

\*\* 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.

**TWO Year Parts Warranty • FIVE Year Vacuum Warranty**

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



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