



MVE SC Series

Compact Aluminum Dewar

The SC Series of tanks offers standard inventory capacity with capacity across the tanks with increasing hold times depending on the capacity. Each tank is equipped with the 2.18in (55mm) neck opening setting the standard for the canister size and inventory capacity. The SC 20/20 Signature builds on the industry gold standard tank for years now revolutionizing into the world most efficient cryogenic dewar fitted with Bend Don't Break durability technology.

Key Features

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



MVE SC Series

	SC 3/3	SC 11/7	SC 20/20 Signature
Maximum Storage Capacity			
○ Number of Canisters	6	6	6
○ Number of 1/2 cc straws 10/cane	-	660	660
○ Number of 1/2 cc straws 1 Level Bulk	440	879	879
○ Number of 1/4 cc straws	-	210	210
Performance			
○ LN ₂ Capacity L	3.6	11.0	20.5
○ Static Evaporation Rate L/day*	0.13	0.16	0.085
○ Static Holding Time days	17	43	150
Unit Dimensions			
○ Neck Opening in. (mm)	2.18 (55)	2.18 (55)	2.16 (55)
○ Overall Height in. (mm)	16.0 (406)	21.6 (549)	26.0 (660)
○ Outer Diameter in. (mm)	8.7 (222)	10.2 (260)	14.5 (368)
○ Canister Height in. (mm)	5.0 (127)	11.0 (279)	11.0 (279)
○ Canister Diameter in. (mm)	1.65 (41.9)	1.65 (41.9)	1.65 (41.9)
○ Weight Empty lb. (kg)	8 (3.6)	17 (7.7)	22.5 (10.2)
○ Weight Full lb. (kg)	14.4 (6.5)	36.6 (16.6)	58.99 (26.7)

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 manufacturing tolerances.

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

Tank Features

