

# MVE Spectrum Series



The MVE Spectrum 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. Manufactured to a world class level of excellence and backed by an industry-leading 3 year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments.

## Features Include:

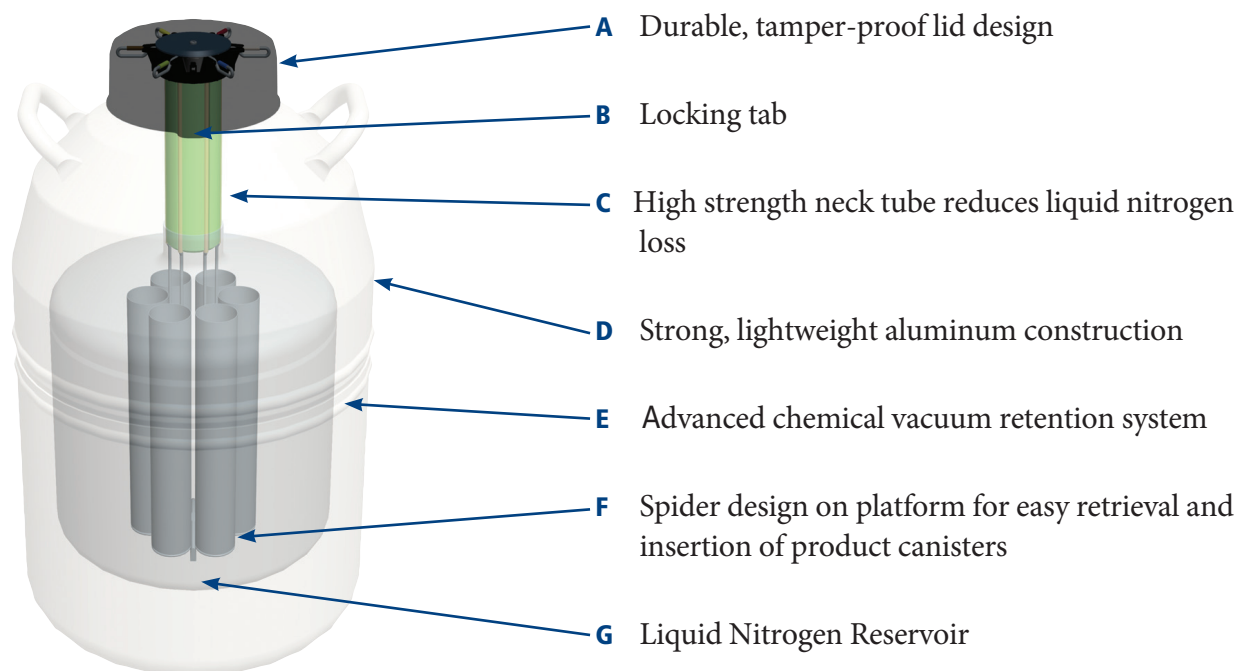
- Designed for small capacity storage
- Low liquid nitrogen consumption
- Convenient lightweight package

Go to [www.chartbiomed.com](http://www.chartbiomed.com) for more information.

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## Tank Features



	Spectrum 2***	Spectrum 3	Spectrum 8	Spectrum 12	Spectrum 16	Spectrum 20	Spectrum 35
<b>Maximum Storage Capacity</b>							
Number of Canisters	3	6	6	6	9	6	6
Number of 1/2 cc straws 10/cane	-	-	-	720	-	720	720
Number of 1/2 cc 1 Level Bulk	180	879	879	879	1098	879	879
Number of 1, .2 & 2.0 ml vials 5/cane	-	-	-	150	-	150	150
<b>Performance</b>							
LN2 Capacity L	2,2	3,6	8,4	11,0	16,4	20,5	36,5
Static Evaporation Rate L/day*	0,14	0,13	0,15	0,15	0,17	0,10	0,10
Static Holding Time days	16	28	56	73	97	205	360
Normal Working Duration days**	10	17	35	46	61	135	192
<b>Unit Dimensions</b>							
Neck Opening mm	35,6	55,4	55,4	55,4	55,4	55,4	55,4
Overall Height mm	343	406	470	549	444	652	657
Outer Diameter mm	188	222	260	260	438	368	464
Canister Height mm	121	127	127	279	127	279	279
Canister Diameter mm	27	41,9	41,9	41,9	38	41,9	41,9
Weight Empty kg	2,0	3,6	5,3	7,7	6,4	10,5	15,9
Weight Full kg	3,7	6,5	12,1	16,6	19,6	27	44

\* Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of the container use, atmospheric conditions, and manufacturing tolerances.

\*\* Normal Working Duration is an arbitrary reference to establish 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.

\*\*\* Spectrum 2 is also available with a single canister and with or without a handle.

THREE Year Standard Warranty

