

STALWART

Liquid Nitrogen Cylinder SCM-Series



Description

SCM Series liquid nitrogen containers combine with the advantages of low liquid nitrogen consumption and medium range storage capacity to meet unique requirements of professional customers all over the world. SCM Series containers provide high efficiency of large capacity sample cryopreservation with light weight and small space occupying. The racks and lockable lids are standard to assure the safety of samples. Mainly apply to medical field/bio-bank/laboratory field.

Features

- Racks and boxes included
- Dual-lock construction
- Durable aluminum construction
- Larger storage capacity, less liquid nitrogen consumption
- Compatible with main brands standard storage boxes
- Liquid level monitoring system (optional)
- Mobile roller bases (optional)

Specification

Model		SCM-100	SCM-600	SCM-750	SCM-900
1.2 & 2ml Vials (25/box)		100	600	750	900
Number of Racks		1	6	6	6
Boxes Per Rack		4	4	5	6
25ml blood bag	25ml blood bag	—	36	36	36
	Number of Racks	—	18	18	18
	No. of Blood bags Per Rack	—	2	2	2
LN2 Capacity (L)		10	30	35	50
Static Evaporation Rate (L/day)		0.37	0.33	0.36	0.36
Static holdover time (day)		54	90	97	115
Neck Opening (mm)		125	125	125	127
Overall Height (mm)		670	705	748	754
Outer Diameter (mm)		394	461	461	416
Weight Empty (kg)		9.7	12.9	14.2	15.2
Weight Full (KG)		26.1	37.5	42.9	53.74

Model		SCM-2400	SCM-3000	SCM-3600	SCM-4800	SCM-6000
1.2 & 2ml Vials	1.2 & 2ml Vials (100/box)	2400	3000	3600	4800	6000
	Number of Racks	6	6	6	6	6
	Boxes Per Rack	4	5	6	8	10
25ml blood bag	25ml blood bag	60	90	120	120	150
	Number of Racks	30	30	30	30	30
	No. of Blood bags Per Rack	2	2	3	4	5
50ml blood bag	50ml blood bag	60	60	90	120	150
	Number of Racks	30	30	30	30	30
	No. of Blood bags Per Rack	2	2	3	4	5
LN2 Capacity (L)		65	95	115	140	175
Static Evaporation Rate (L/day)		0.78	0.97	0.94	0.96	0.95
Static holdover time (day)		83	98	122	146	184
Neck Opening (mm)		216	216	216	216	216
Overall Height (mm)		765	790	870	960	1060
Outer Diameter (mm)		681	681	681	681	681
Weight Empty (KG)		38.3	41.3	42.3	48.9	53.8
Weight Full (KG)		91.6	119.2	136.6	163.7	197.3