

# Cryogenic Storage

## Portable Liquid Nitrogen Refrigerators

### MVE SC/XC series

Designed for the storage of biological specimens in straws or ampoules, when charged with liquid nitrogen.

- ◆ Lightweight, toughened aluminium construction
- ◆ High efficiency insulated vacuum system
- ◆ Inner canisters provided to hold 0.5ml straws, or 1.2ml/2ml vials in canes

Model		SC11/7	SC20/20	SC33/26	SC36/32	XC22/5	XC43/28	XC47/11-6
Capacity	litres	11.0	20.5	33.0	36.5	22.4	42.2	47.4
	0.5ml straws (canes)	540	540	540	540	2520	1260	4500
	0.5ml straws (bulk)	732	780	780	780	3666	1764	6216
	1.2/2ml vials	150	150	150	150	210	360	1320
Inner canisters supplied		6	6	6	6	6	6	6
Static evaporation rate, per day	litres	0.15	0.09	0.13	0.1	0.35	0.14	0.39
Normal working duration*	days	46	142	182	224	40	193	76
Neck diameter	mm	51	51	51	51	97	70	127
Overall height x diameter	mm	549 x 260	652 x 368	657 x 464	690 x 464	559 x 368	670 x 508	673 x 508
Weight, empty	kg	7.7	11.8	15.4	15.4	11.8	16.4	19

\*Arbitrary reference, to estimate performance under normal operating conditions.

### Portable Liquid Nitrogen Refrigerators

As described. Supplied with inner canisters as indicated.

- CX802-08** SC11/7
- CX802-14** SC20/20
- CX802-17** SC33/26
- CX802-22** SC36/32

- CX802-31** XC22/5
- CX802-33** XC43/28
- CX802-39** XC47/11-6

Other refrigerator sizes, filling tubes and accessories are available - details on request.

Vials – see TP445, TP453.

Canes – see TP453-60.

Cryogloves – see SA720.



CX802 with accessories