



PRODUCT OVERVIEW

cryostor series

Stainless Steel Self-Pressurising LN2 Supply Dewars

The Cryostor Series are designed as a main laboratory storage supply of LN2.

Using the latest design technologies for optimum performance combined with strength and durability the range offers mobile storage for LN2 from the loading bay to point of use.

Each Cryostor model from the smallest 30 litre to the largest 240 litre model features a fully configured safety head for the storage and dispensing of liquid nitrogen.

All models are equipped with an electronic level gauge for convenient and accurate indication of liquid volume and all head parts are specifically LN2 rated. Valves are globe-type rather than ball design and components

such as the pressure gauge are stainless steel to remain corrosion-free and all Cryostors are fitted with a pressure raise circuit and regulator to ensure that liquid is readily available when required.



FEATURES

- All stainless steel construction
- 3 year warranty
- Contents indicator included
- Castor mounted for ease of movement
- Globe valves fitted
- Towing handles fitted on larger models
- Pressure build circuit incorporating regulator fitted
- 30 litres to 240 litres capacity (6 models)
- Accessories available include flexible hoses, phase separators, protective clothing.
- Manufactured in the UK
- Trycock valve for 100% filling
- Can be used for -80 and -150 freezer back-up
- Protective ring handle fitted to all models
- Dual liquid valves fitted

Technical Specifications

Model	Cryostor 30	Cryostor 60	Cryostor 90	Cryostor 120	Cryostor 180	Cryostor 240	Cryostor 300
Liquid capacity, litres	30	60	90	120	180	240	300
Evaporation rate, %/day	3.5	2.0	1.4	1.2	0.9	0.7	0.6
Height, mm	777	992	1105	1066	1362	1629	1439
Diameter, mm	461	537	640	640	640	640	814
Weight empty, kg	36	56	66	95	115	135	177
Weight full, kg	61	113	138	192	261	329	419
Relief valve, BarG	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Part No.	9911025	9911037	9911045	9911065	9911075	9911087	9911089

The Cryostor series also feature fully welded safety heads, which eliminate the risk of leaks occurring due to incorrectly fitted gaskets seals.