

Cell/Tissue Culture and Cell Transfection

Cell storage systems - Cryogenic vessels, dewars

LN₂ cylinders, low pressure, cryogenic, CryoStor™ series

STATEBOURNE
cryogenics

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- Stainless steel construction
- Built to ASME VIII Div. 1 or BS 5500 standards
- All models have castors for easy convenient handling
- Dual fill/decant outlets standard on all head manifolds
- Standard pressure building circuit with regulator
- With contents gauge indicator
- Colour coded liquid and gas delivery valves for easy identification
- Towing bars on 180 and 240 models to assist easy handling
- Suitable for the supply of liquid or gaseous nitrogen and argon
- Three year warranty on vacuum

Stainless steel braided, double-wall flexible hoses are available in a variety of different lengths to help facilitate the transfer of cryogenic liquid from the CryoStor™ supply vessels. 1.2m, 1.5m and 2m lengths are supplied as standard. Phase separators help to significantly reduce the amount of splashing and vapourisation which normally occurs during the decanting process.

Technical Specification - Specific

	CRY-630-010S	CRY-630-020P	CRY-630-030M	CRY-630-040J
LN ₂ capacity, L	90	120	180	240
Height, mm	1,105	1,066	1,362	1,629
Diameter, mm	540	620	720	690
Dimensions, mm	567 x 567 (base)	690 x 690 (base)	690 x 690 (base)	690 x 690 (base)
Mass empty, kg	80	98	124	140
Mass full, kg	153	195	269	334
Pressure [max.], bar	3.0	3.0	3.0	3.0
Pressure, bar	1.5	1.5	1.5	1.5

Catalogue No	Alt. No	Description
CRY-630-010S	9911045	Cryostor 90
CRY-630-020P	9911065	Cryostor 120
CRY-630-030M	9911075	Cryostor 180
CRY-630-040J	9911087	Cryostor 240

Accessories and spare parts

Catalogue No	Alt. No	Description
CRY-630-505X	3701006	1/2 inch BSP x 1.2m flexible hose
CRY-630-510V	3701004	1/2 inch BSP x 1.5m flexible hose
CRY-630-515L	3701002	1/2 inch BSP x 2m flexible hose
CRY-630-520S	9701090	1/2 inch BSP phase separator



Vessels, cryogenic, HDPE, Thermo Scientific Nalgene®

Thermo
SCIENTIFIC | NALGENE

55

Shatterproof and completely safe for short term storage of ice water, dry ice solvent and liquid nitrogen or for use as hot baths.

The chemical resistant HDPE double walls are filled with urethane foam and can withstand temperatures from -196°C to +100°C.

Insulated cover. Moulded-in ribs for added safety when held. Convenient bail type handle on 1L, 2L and 4L sizes.

Catalogue No	Alt. No	Capacity, L	Diameter [internal], mm	Depth, mm
CRY-790-010X	4150-1000	1	95	194
CRY-790-020L	4150-2000	2	121	225
CRY-790-030Y	4150-4000	4	146	287
CRY-790-040F	4150-9000	10	197	394

