

STATEBOURNE
cryogenics

Cryostor 240

PED TPED IMDG Versions

Automatic pressure regulator

Stainless Steel Construction

5 Year Vacuum Warranty

Twin fill/decant valves

Various Castor Options

Electronic Indicator

Tow Bar handles

Liquid Storage

Up to 3 Bar G

2014/68/EU



*Cryogenic innovation & technology
you can trust...*

Cryostor Series 240

The Cryostor 240 is equipped with a safety dispensing head incorporating fill and dispensing valves, safety relief valves, pressure gauge and an integral pressure build vaporizer with automatic pressure regulation.

Features

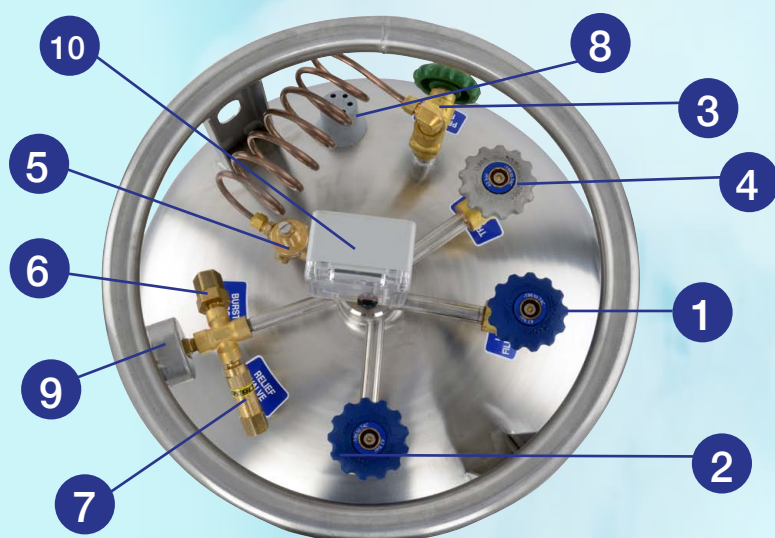
- Pull bar fitted as standard, making manoeuvring easier for two people.
- 2 Fixed and 2 Swivel wheels, gives you more control when moving a full vessel, including lockable 4"inch wheels for ease of movement over most surfaces.
- Automatic Pressure Build Circuit fitted. Pressure Raising System that keeps working right up until empty, essential when connected to a continuous process that needs LN2 over long periods.
- Pressure Regulator, LN2 delivery can be tuned to your requirements as low as 10 p.s.i.
- Colour coded and labelled valves for easy identification.
- Twin valves mean the Crystors can be filled insitu without moving the vessel.
- Twin valves mean the Crystors can be connected to an auto-filling system without the need to disconnect when filling.
- Electronic Contents Indicator.
- TPED, TPED-IMDG & PED VERSIONS
- 5 YEAR VACUUM WARRANTY



Cryostor 240 Options

- | None metallic wheels for use with NMR and other magnetic measures
- | None marking castors for use on delicate floors
- | Dispensing hoses 1.5 and 2m as standard longer hoses if required
- | Connector options for both U.K. and U.S.A. Fittings

Cryostor Head Arrangement and Technical Data



1. Liquid Fill/Decant
2. Liquid Fill/Decant
3. Pressure Raising
4. Trycock Gas Vent
5. Pressure Regulator
6. Bursting Disc
7. Relief Valve
8. Vacuum Port
9. Pressure Gauge
10. Contents Gauge

Technical Data

MODEL	Cryostor 240 (PED)	Cryostor 240 TPED	Cryostor 240 TPED & IMDG
PART NUMBER	9911087	9918185	9911170
Capacity (litres)	240	240	240
Evaporation Rate (%/day)	0.7 ¹	0.7 ¹	0.7 ¹
Design Code	PED:EN13458	TPED:EN1251	TPED:EN1251
Weight Empty (Kg)	140	140	140
Weight Full LN2 (kg)	334	334	334
M.A.W.P.(barG)	3 ²	3 ²	3 ²
Base Diameter (mm) Footprint dimensions	690sq ⁴ .	690sq ⁴ .	690sq ⁴ .
Overall Height (mm)	1645 ³	1645 ³	1645 ³
1.2 Metre Flexible Hose Part Number	3701006	3701006	3701006
1.5 Metre Flexible Hose Part Number	3701004	3701004	3701004
Phase Separator Part Number	9701090	9701090	9701090
1/2" BSP to CGA 295 Male to Female	1201382	1201382	1201382

1.Measured at atmospheric pressure.

2.A 1.5 BarG relief valve is fitted as standard, this can be replaced with a 3 BarG version on request.

3.Measured from floor to top of protective ring cover.

The Cryostor 120 is supplied with 1/2" BSPPF outlets. Alternative outlet sizes/threads are available on request.

In the interest of our continued product improvement, Statebourne reserve the right to amend the specification of our products.

Please see our accessories pdf for a full range of adapters and hoses.

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