

Micro-bulk Solutions

All Stainless Steel Construction

Class Leading Features

Cryocyl 230 - 2000 Litres

5 Year Vacuum Warranty

TPED

PED

Pressure 3-32 Bar G



Designed by the Gas Industry for the Gas Industry



The Cryocyl series from Statebourne offers the ultimate combination of quality, durability and ease of operation.

Designed in conjunction with leading industrial gas operators, all designs offer world class levels of quality and user friendliness combined with the lowest lifetime costs.

The Cryocyl Concept

Covering every mode of supply from low pressure N2 for cell storage and O2 delivery for oxygen therapy up to the highest flow high pressure laser applications, with the Cryocyl Series there is a tank which will do the work.



Full-for-Empty

Cryocyl mobile units offer greater strength and durability than traditional pallet tanks. All Cryocyls feature a built-in product vapouriser enabling them to be completed to the point of used on site with minimal installation costs.

Fill-on-Site

Easy to position and with class leading evaporation rates and a host of features, the Cryocyl static line offer a full on-site gas supply optimised for continuous operation using state-of-the art design principles.



Specification-Mobile Units

Model	Cryocyl 230-24	Cryocyl 450-24	Cryocyl 450-37	Cryocyl 600-24	Cryocyl 600-37	Cryocyl 800-24	Cryocyl 800-37
Liquid capacity Litres	230	428	405	600	540	760	720
MAWP BarG	24	24	37	24	37	24	37
NER%	1.6	1.4	1.6	1.0	1.4	1.0	1.2
Gas Delivery M3	11	16	16	18 80 Optional	80	25 80 Optional	80
Overall Height mm	1580	1932	1932	1600	1775	1900	2000
Footprint mm	695 x 720	930 x 930	930 x 930	1120 x 1120	1120 x 1420	1120 x 1120	1120 x 1420
Weight Empty Kg	232	552	600	700	840	720	924
Weight Full (Lar)	554	1148	1167	1536	1596	1779	1932
Design Code	TPED 2010/35/EW						

Other codes are available on request.

Class-leading features

- All Stainless-Steel construction.
- Complete pattern pipework, liquid and gas delivery incorporated
- Electronic telemetry compatible level gauge
- Ultra durable support system guaranteed for life
- Single point top and bottom fill combination
- Five year vacuum warranty
- Tailored designs with user-defined componentry available



Cryocyl 600/37
High Flow



Fork lift handling



4 direction
pallet base



Cryocyl
800/24

Specification-Static Units

Model	Cryocyl 230-24	Cryocyl 450-24	Cryocyl 450-37	Cryocyl 600-24	Cryocyl 600-37	Cryocyl 1000-24	Cryocyl 1000-37	Cryocyl 1500-24	Cryocyl 1500-37	Cryocyl 2000-24	Cryocyl 2000-37
Liquid capacity Litres *	230	428	405	600	540	950	900	1500	1420	1945	1800
MAWP BarG	24	24	37	24	37	24	37	24	37	24	37
NER% **	1.6	1.6	1.8	1.4	1.4	1.2	1.2	1.2	1.2	1.0	1.0
Gas Delivery M3	11	16	16	20	80	25	80	100	100	100	100
Overall Height mm	1497	1810	1900	1605	1605	2044	2335	2857	2900	2584	2584
Footprint mm	695x695	900x900	900x900	1120x1120	1120x1420	1200x1200	1120x1420	1250x1560	1250x1560	1475x1795	1475x1795
Weight Empty Kg	205	400	484	550	740	721	960	1160	1449	1448	1863
Weight Full (Lar)	527	996	1051	1386	1493	2045	2284	3270	3425	4159	4383
Design Code	PED 97/23 EC										

* Actual net volume can vary according to specified fill ratio

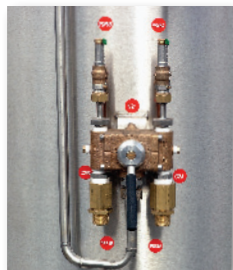
** Measured in LN2

Configured for ease of installation

- Flat integrated base-fork-liftable installation
- High thermal efficiency-low losses,maximum product use
- All stainless steel pipework for increased longevity
- Thermal regulator option
- Dual safety diverted for case of on site maintenance
- Integrated capacitance or DP contents indicator
- Booster vaps available for up to 200m3 continuous delivery



Telemetry gauges for remote monitoring



Dual safety diverter option



Gas use point ready for connection



Single point top/bottom fill



Integrated pallet base for ease of handling during installation

Statebourne Cryogenics
 18 Parsons Road,
 Parsons Industrial Estate,
 Washington,
 Tyne and Wear
 NE37 1EZ
 England.

Web: www.statebourne.com

Tel: +44 (0) 191 416 4104

Fax: +44 (0) 191 415 0369

Email: info@statebourne.com

