

Transportable cryogenic supply solutions



→ TRANSPORTABLE CRYOGENIC SUPPLY SOLUTIONS

Dewar and flasks

Only custom-designed cryogenic equipment should be used to handle cryogenic products. Dewars and flasks are designed for handling small quantities of cryogenic liquid nitrogen. BOC has selected a range that performs to extremely high standards of both quality and safety. Open flasks, non-pressurised dewars, a range of suitable personal protective equipment, gas monitors and accessories are available for purchase or rental.



Portable Cryogenic Containers

Portable Cryogenic Containers (PCCs) are portable vacuum and super insulated containers for the transport and storage of cryogenic liquids, and for the dispensing of their contents in either liquid or gaseous form.

BOC offers a wide range of PCCs. These vessels come in a range of sizes, pressures and flow rates to meet customers' varying requirements.



Transportable cryotanks

Transportable cryotanks represent the leading edge in small foot print, high volume transportable liquid supply.

The framed vessels can be forklifted or craned into place. They can easily be transported over water and meet with the most stringent of shipping codes.

When on site they can be easily connected to your supply system to supply high pressure oxygen, argon or nitrogen directly to your process. They can be supplied set up for low pressure liquid withdrawal making them ideal for applications where a large portable liquid supply is required.



Cryogenic ISO

Cryogenic ISO tanks can supply liquid oxygen, argon, nitrogen and carbon dioxide. ISO tanks allow for the easy distribution of large volumes of cryogenic liquids. They are ideal for applications that require temporary usage, are geographically isolated or for pilot-plant trials. They are easily transported by rail, road and sea, ensuring product can be delivered to almost any location in Australia and New Zealand.



Specialised product delivery

BOC utilises a specialised delivery network CRYOSPEED® to offer flexible delivery options to meet the requirements of your business. The compact tanker vehicles and experienced operators means product is delivered reliably and without assistance.

Specialised delivery means that product can be delivered into your chosen transportable liquid solution or as a swap-out, full for empty option. Deliveries can be tailored to minimise disruption to your site and process.

Specifications

Product	Open Neck Dewars	Low Pressure Flask	High Pressure Flask	Low Pressure PCC	High Pressure PCC	Low Pressure Transportable Cryotanks	High Pressure Transportable Cryotanks	Cryogenic ISO
Empty mass (kg)		208**	208**	179	179	745	745	9000**
Water capacity (L)	0.6 – 66	176	176	240	240	1000	1000	20000**
Footprint (mm)		890x690**	890x690**	730x730	730x730	1160x1160	1160x1160	6100x2500**
Height (mm)		1900**	1900**	1443	1443	2030	2030	2800**
Cylinder diameter (mm)		508**	508**	660	660	1077	1077	
Gas delivery rate (Sm ³ /hr)*		7	7	11	11	25	25	
Nitrogen	●	●	●	●		●	●	●
Product code	713	703FLE	703FL	702CRYO PCC230L		719CRYO VIE800TL	719CRYO VIE800T	
Maximum supply pressure (kPa)		150	1620	150		150	1800	
Net contents (Sm ³)*		112	100	132		501	501	
Net contents (kg)		133	119	156		594	594	
Net contents (L)*		160	147	193		735	735	
Gross mass (kg)		341	327	335		1339	1339	
Fill in situ supply	●	●		●				
Full for empty supply	●	●	●	●		●	●	●
Argon			●		●		●	●
Product code			734FL		734CRYO PCC230H		731CRYO VIE800T	
Maximum supply pressure (kPa)			1620		2400		1800	
Net contents (Sm ³)*			119		160		615	
Net contents (kg)			201		271		1039	
Net contents (L)*			144		194		745	
Gross mass (kg)			409		450		1784	
Fill in situ supply								
Full for empty supply			●		●		●	●
Oxygen							●	●
Product code							686CRYO VIE800T	
Maximum supply pressure (kPa)							1800	
Net contents (Sm ³)*							628	
Net contents (kg)							865	
Net contents (L)*							758	
Gross mass (kg)							1610	
Fill in situ supply								
Full for empty supply							●	●
Carbon Dioxide								●
Product code								
Maximum supply pressure (kPa)								
Net contents (Sm ³)*								
Net contents (kg)								
Net contents (L)								
Gross mass (kg)								
Fill in situ supply								
Full for empty supply								●

* At 15°C and 101.33kPa ** Indicative

Getting ahead through innovation.

With its innovative concepts, BOC is playing a pioneering role in the global market. As a technology leader, it is our task to constantly raise the bar. Traditionally driven by entrepreneurship, we are working steadily on new high-quality products and innovative processes.

BOC offers more. We create added value, clearly discernible competitive advantages, and greater profitability. Each concept is tailored specifically to meet our customers' requirements – offering standardised as well as customised solutions. This applies to all industries and all companies regardless of their size.

If you want to keep pace with tomorrow's competition, you need a partner by your side for whom top quality, process optimisation, and enhanced productivity are part of daily business. However, we define partnership as not merely as being there for you but being with you. After all, joint activities form the core of commercial success.

BOC – ideas become solutions.

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