

Cryogenic ISO tanks



OEG cryogenic tank containers provide sustainability, safety and efficiency within the industrial gas supply chain network. Our cryogenic tanks comply with all international regulations. Our standard fleet is available from our global network of locations on a sale or rental basis.



Can't find what you are looking for?

Contact our global sales team at sales.cryogenics@oeg.group or visit our website to find your regional representative at oeg.group

Key features

Complies with all international regulations such as RID/ADR, IMDG, ASME V111 DIV 1, US DOT CFR 49, TIR, TC, CCC, CSC, Lloyd's Register plus additional Australian National Registration and Malaysian DOSH-PMT

Inner vessel is stainless steel with 2 stainless steel transverse plate baffles

Vacuum with multi-layer super insulation

Intermodal transportation and storage

Working pressure 22 Bar

Tank capacity 22,000 Litres

Suitable and approved for:

LIN, LAR, LOX, LCO2, LN20, LNG

Please check exact specifications with your local representative when ordering.

Metric | International standard

Type	Working pressure (bar)	Capacity (litres)	External dimensions (LxWxH - mm)	Tare weight (kgs)	Payload (kgs)	Max gross weight (kgs)
20ft T75 cryogenic tank	22	22,000	6,058 × 2,438 × 2,591	8,900	27,300	36,000
40ft T75 cryogenic tank	8.3	45,500	12,192 × 2,438 × 2,591	12,200	21,800	34,000

Product datasheet

Cryogenic ISO tanks

Imperial International/US standard						
Type	Working pressure (psi)	Capacity (US gallons)	External dimensions (LxWxH - ft/in)	Tare weight (lbs)	Payload (lbs)	Max gross weight (lbs)
20ft T75 cryogenic tank	320	5,811	20' x 8' x 8'6"	19,621	60,187	79,366
40ft T75 cryogenic tank	120	12,020	40' x 8' x 8'6"	26,898	48,061	74,957

20ft T75 cryogenic tank

Suitable for LIN / LOX / LAR / CO2 / N2O / Methane / Ethylene / Ethane / LNG

Holding times / days:												
Medium	Filling rate											
	95%	90%	80%	73.45%	65.9%	72.17%	88.6%	88.18%	71.19%	70%	70.75%	70.55%
LO ₂	28	73	172	241								
LN ₂	14	42	103		219							
LAr	/	32	128			198						
LCO ₂	65.6	144	174				174					
LN ₂ O	46	124	140					140				
LNG	/	50	155						272			
LCH ₄	/	53	164							301		
LC ₂ H ₄	/	106	333								287	
LC ₂ H ₆	/	117	366									656

40ft T75 cryogenic tank

Suitable for LNG / LIN / LOX / LAR / LC2H4 / LC2H6

Holding times / days:						
Medium	Filling rate					
	90%	89%	86%	60%	43%	35%
LO ₂					150	
LN ₂				120		
LAr					130	
LNG	70					
LC ₂ H ₄		140				
LC ₂ H ₆			90			

E & OE - All dimensions and weights are accurate at the time of creation. Please check exact specifications of units when ordering.

Cryogenic ISO tank

with CO₂ pump



OEG is proud to introduce a new fleet of 20ft T75 Cryogenic ISO tank containers, purpose-built for the transportation and storage of Liquid Carbon Dioxide (LCO₂) in the industrial gas sector.

Each tank is equipped with an integrated CO₂ pump and engineered to meet the rigorous demands of Class 2 refrigerated liquefied gases.

These cryogenic tanks feature a double-wall vacuum design with advanced multi-layered super-insulation, ensuring optimal thermal performance. Certified to international standards, they are specifically approved for LCO₂ applications and offer a high working pressure of 22 bar, enhancing operational flexibility and safety.

With a global footprint and a strong commitment to excellence, OEG ensures that all cryogenic tank operations are supported by a team of highly trained professionals, dedicated to delivering safe, efficient, and reliable service across every continent.



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Key features

Suitable for LCO₂ products only

Inner vessel is stainless steel with 2 stainless steel transverse plate baffles

Vacuum with multi-layer super insulation

Complies with all international regulations such as:

- IMDG
- ISO 1496-3
- RID
- ADR
- ASME VIII
- Div 1.
- US DOT
- DOT49CFE
- TIR
- TC
- Australian Registration
- DOSH Approvals CCC
- CSC
- Lloyd's Register

Please check exact specifications with your local representative when ordering.

Cryogenic ISO tank

with CO₂ pump

20ft 22Bar UN T75 Cryogenic ISO tank with pump suitable only for LCO₂ products

Holding times / days:

Medium	Filling rate											
	95%	90%	80%	73.45%	65.9%	72.17%	88.6%	88.18%	71.19%	70%	70.75%	70.55%
LO ₂	28	73	172	241								
LN ₂	14	42	103		219							
LAr	/	32	128			198						
LCO ₂	65.6	144	174				174					
LN ₂ O	46	124	140					140				
LNG	/	50	155						272			
LCH ₄	/	53	164							301		
LC ₂ H ₄	/	106	333								587	
LC ₂ H ₆	/	117	366									656

Pump information

CO₂ pump model:	MC-3ST (Smith)
Dual voltage:	60hz & 50hz
Flow rate:	100 GPM (380 LPM) at 60Hz 83 GPM (314LPM) at 50 Hz
Electrical voltage: (60 Hz)	220v-230v 1,800 RPM Amps : 18.6 - 17.7A
Electrical voltage: (50 Hz)	380v - 415v 1,500 RPM Amps : 11.0 - 10.0A
Electrical motor:	Techtop Group
Electrical motor approval:	CE, CSA, UL
Pump connection:	Flange-DN50

20ft T75 cryogenic tank (w/ CO₂ pump)

Working pressure	22 bar
Capacity	22,000 litres
External dimensions (LxWxH)	6,058 x 2,438 x 2,591 mm
Tare weight	8,750 kg
Payload	27,300 kg
Max gross weight	36,000 kg



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