



High Pressure Industrial Grade 5n 6n 50L O2 Cylinder Gas Oxygen

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: O2
- Minimum Order Quantity: 1 m3
- Price: US \$3/m3
- Packaging Details: Cylinder
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 10000Tons/year



Product Specification

- Product Name: Oxygen Gas
- Pressure Level: High Pressure (10.0MPa≤p<100.0MPa)
- Transport Package: Sea Transportation
- Specification: 40L 50L
- Trademark: CMC
- Origin: Suzhou, China
- Supply Ability: 20000piece/Month
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade
- Chemical Property: Poisonous Gases
- Pressures: 20MPa
- Transport: By Sea
- Storage Medium: Flammable/Toxic
- Customization: Available | Customized Request



More Images



Product Description

Product Description

High-pressure oxygen, often referred to as medical-grade oxygen, is oxygen that is compressed and stored at pressures higher than atmospheric pressure. Here are some important points to note about high-pressure oxygen:

Medical Applications: High-pressure oxygen is commonly used in medical settings, particularly for oxygen therapy. It is administered to patients who require supplemental oxygen due to respiratory conditions, low blood oxygen levels, or other medical needs.

Oxygen Cylinders: High-pressure oxygen is typically stored and transported in specially designed cylinders made to withstand the high pressures. These cylinders are often made of steel or aluminum and are equipped with valves and regulators for safe dispensing of the gas.

Pressures: High-pressure oxygen cylinders can vary in pressure levels. Common pressure ranges include 2,000 to 3,000 pounds per square inch (psi) or higher. The exact pressure may depend on the specific application and requirements.

Safety Considerations: Handling high-pressure oxygen requires careful attention to safety. Oxygen supports combustion, so there is an increased risk of fire and explosion in the presence of flammable materials. Proper storage, handling, and transport procedures must be followed to ensure safety. Oxygen cylinders should not be dropped, subjected to extreme heat, or tampered with.

Regulatory Standards: The production, storage, and distribution of high-pressure oxygen are subject to strict regulations and standards to ensure its safety and quality. Regulatory bodies, such as the U.S. Food and Drug Administration (FDA) and the European Pharmacopoeia, provide guidelines for the manufacturing and use of medical-grade oxygen.

Oxygen Concentrators: In addition to high-pressure oxygen cylinders, another common method of oxygen therapy involves using oxygen concentrators. Oxygen concentrators are devices that extract oxygen from ambient air and deliver it to the patient at a prescribed level of concentration. They do not involve the use of high-pressure oxygen cylinders.

It's important to consult with medical professionals or oxygen specialists for specific information on the use, handling, and safety precautions associated with high-pressure oxygen, as practices and regulations may vary based on location and application.

Basic Info.

Model NO.	o2	Storage Medium	Flammable/Toxic
Pressure Level	High Pressure (10.0MPa≤p<100.0MPa)	Condition	New
Pressures	20MPa	OTC	OTC
Size	40L	Transport Package	Sea
Specification	40L 20MPa	Trademark	CMC
Origin	Suzhou	Production Capacity	20000piece/Month



Outside diameter(mm) Water capacity(L) Design wall Thickness(mm)

219mm 36-40L 5.7

	20L-34L	
	27L	
229mm(GB/ISO)	30L	5.7
	40L	
	50L	
	40L	
232mm(GB/ISO)	47L	6
	50L	
	40L	
232mm(GB/ISO)	47L	5.4
	50L	
		5.8
232mm(GB/ISO)	40-50L	5.4
		5.2
232mm(ISO)	40-50L	5.8
	60L	
279mm(ISO)	68L	6
	80L	
	50-54L	
	60L	
267mm(GB5099.1)	68L	5.7
	70L	
	80L	
	50-54L	
	60L	
267mm(ISO)	68L	6.2
	70L	
	80L	

Company

Profile

ShangHai CMC chemical Co.,ltd. is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc.,. Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H₂, O₂, N₂, Ar, CO₂, propane, acetylene, helium, laser mixed gas, SiH₄, SiH₂Cl₂, SiHCl₃, SiCl₄, NH₃, CF₄, NF₃, SF₆, HCL, N₂O, doping mixed gas (TMB, PH₃, B₂H₆) and other electronic gases.



SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			

Packaging &

Shipping

Storage Workshop:



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