



China Factory Price High Quality 99.99% Medical Grade O2 Oxygen Cylinder Gas

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: 1000Tons/year



Product Specification

- Product Name: Oxygen Gas
- Appearance: Colorless, Odorless
- Purity: 99.999%-99.9999%
- Molecular Weight: 32
- Melting Point: -218.4 °C
- Transport Package: 40L/47L/50L/ISO Tank
- Specification: 40L/47L/50L/ISO Tank
- Origin: China
- HS Code: 2804400000
- Supply Ability: 100, 000m3/Year
- CAS No.: 7782-44-7
- Formula: O2
- EINECS: 231-956-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade



More Images



Product Description

Product Description

Oxygen gas, commonly referred to as molecular oxygen or simply oxygen (O₂), is a colorless, odorless, and tasteless gas. It is one of the most abundant elements on Earth and plays a vital role in supporting life. Oxygen gas is essential for respiration, as it is used by organisms to produce energy through a process called aerobic respiration.

In its gaseous form, oxygen exists as a diatomic molecule, meaning it consists of two oxygen atoms bonded together. This molecular structure allows oxygen to readily react with other substances. For example, oxygen supports combustion, enabling fuels to burn and release energy.

Oxygen gas is produced naturally through various processes such as photosynthesis, where plants and some microorganisms convert carbon dioxide and water into oxygen and glucose using sunlight. Additionally, oxygen can be generated through industrial processes like fractional distillation of liquid air or electrolysis of water.

The medical field extensively uses oxygen gas for various purposes. It is often administered to patients who have difficulty breathing or require supplemental oxygen. Oxygen also finds applications in industries such as metal cutting and welding, where it supports combustion in high-temperature processes.

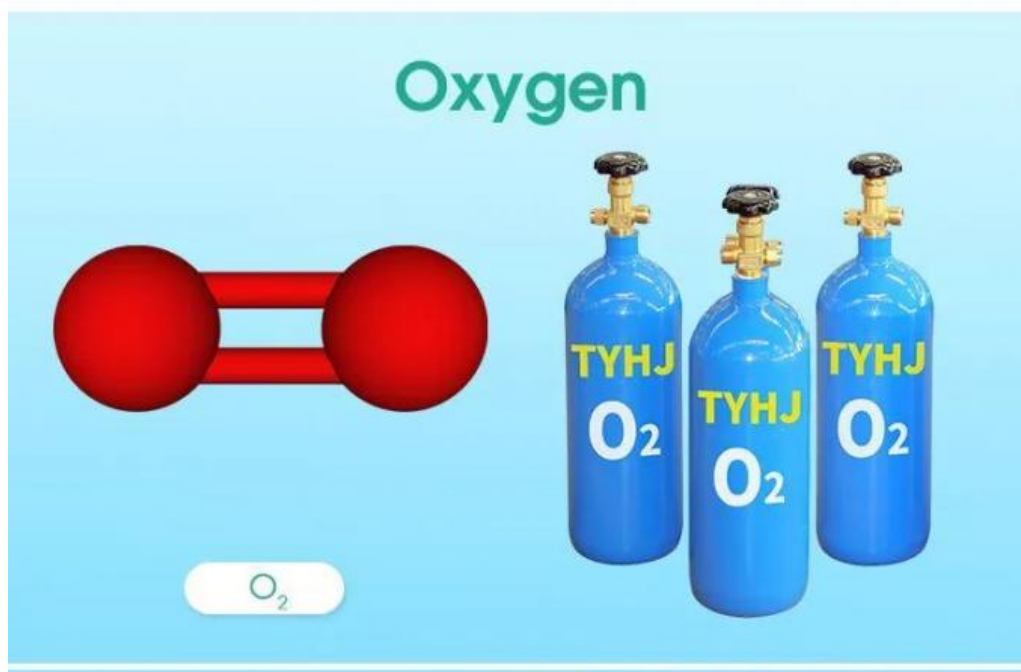
It's worth noting that while oxygen is vital for sustaining life, it can also be hazardous in certain situations. Oxygen supports rapid combustion, and high concentrations of oxygen can increase the risk of fire. Therefore, proper precautions must be taken when handling and storing oxygen gas to ensure safety.

Basic Info

Transport Package:	40L/47L/50L/ISO Tank	Melting Point	-218.4 °C
Trademark:	CMC	Boiling Point	-183 °C
Specification	99.999%	Production Capacity	100,000m ³ /Year
Cylinder Pressure	12.5MPa/15MPa/20MPa Valve	Qt-2/Cga580	
Appearance	Colorless, Odorless	Density	1.429g/L

Product Description

Product



Specification:

CAS No.: 7782-44-7

EINECS No.: 231-956-9

UN No.: UN1072

Purity: 99.999%-99.9999%

Dot Class: 2.2 & 5.1

Appearance: Colorless

Grade Standard: Industrial Grade, Grade, Electronic Grade

Specification 99.999%

Hydrogen	≤0.5 ppm
Argon	≤2 ppm
Nitrogen	≤5 ppm
Carbon Dioxide	≤0.5 ppm
THC (as CH ₄)	≤0.5 ppm
Moisture	≤2 ppm

Packaging & Shipping

Cylinder Specifications

Cylinder Capacity	Valve	Volume	bar	psig
40L	QF-2	7 m ³	150	2175
47L	QF-2	7 m ³	150	2175
50L	QF-2	10 m ³	200	2900

Company Profile

Shanghai Kemike 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.

Factory display



Detection equipment

Strict quality assurance procedures,
stands for highest stand



 Shanghai Kemike Chemical Co.,Ltd

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com