



## China Supply High Quality Cylinder O2 Gas 99.99% Medical Grade Oxygen

### Our Product Introduction

#### 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
- Melting Point: -218.4 °C
- Appearance: Colorless, Odorless
- Boiling Point: -183 °C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L/47L/50L/ISO Tank
- Specification: 40L/47L/50L/ISO Tank
- Trademark: CMC
- Origin: China
- HS Code: 2804400000
- Supply Ability: 100, 000m3/Year
- CAS No.: 7782-44-7
- Formula: O2
- EINECS: 231-956-9



#### More Images



## Product Description

### Product Description

Oxygen gas, commonly referred to as molecular oxygen or simply oxygen (O<sub>2</sub>), is a chemical compound composed of two oxygen atoms bonded together. It is a colorless, odorless, and tasteless gas that is essential for the survival of most life forms on Earth. Oxygen is highly reactive and participates in various chemical reactions.

In the Earth's atmosphere, oxygen gas makes up about 21% of the total volume, making it the second most abundant gas after nitrogen. It is produced primarily through photosynthesis by plants, algae, and some bacteria. Photosynthetic organisms use sunlight to convert carbon dioxide and water into oxygen and glucose, releasing oxygen gas as a byproduct.

Oxygen gas has several important uses in various industries and applications. It is commonly used in medical settings to aid in respiration for patients with respiratory conditions or during surgical procedures. Oxygen therapy provides a supplemental supply of oxygen to individuals who cannot get enough from normal atmospheric air.

Oxygen gas is also vital for combustion processes. It supports the burning of fuels, allowing them to release energy. For example, in the presence of oxygen, hydrocarbons like gasoline or natural gas can undergo combustion, producing carbon dioxide, water vapor, and releasing heat and light. In addition, oxygen gas is used in the production of steel and other metals, as well as in the chemical industry for the synthesis of various compounds. It is also employed in aerospace applications, such as rocket propulsion and life support systems for astronauts.

However, it's important to note that while oxygen is necessary for life, pure oxygen at high concentrations can be hazardous and flammable. Extra precautions should be taken when handling and storing oxygen gas to prevent accidents.

#### 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	100,000m3/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa Valve		Qf-2/Cga580

#### 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 <sub>4</sub> )	≤0.5 ppm
Moisture	≤2 ppm

#### Packaging & Shipping

#### Cylinder SpecificationsContentsPressure

Cylinder Capacity	Valve	Volume	bar	psig
40L	QF-2	7 m3	150	2175
47L	QF-2	7 m3	150	2175
50L	QF-2	10 m3	200	2900

#### Detailed Photos









#### Packaging & Shipping

Company

Profile

## About us



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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.


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



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