



## Laser Technology Electron Grade Ne 99.999% Pure Cylinder Gas Neon

### Our Product Introduction

for more products please visit us on [gascylindertank.com](http://gascylindertank.com)

#### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ne
- Minimum Order Quantity: 1 Piece
- Price: US \$100/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



#### Product Specification

- Product Name: Neon Gas
- Melting Point: 248.6 °C
- Valve: Cga580
- Appearance: Colorless, Odorless
- Boiling Point: 245.9 °C
- Cylinder Standard: DOT/ISO
- Cylinder Pressure: 15MPa/20MPa
- Model No.: Neon Gas
- Transport Package: Cylinder Sea Transportation
- Specification: 1L 4L 10L 50L
- Trademark: CMC
- Origin: Jiangsu China
- HS Code: 2804290000
- Supply Ability: 5000piece/Month
- CAS No.: 7440-01-9



#### More Images



## Product Description

### Product Description

Neon gas (Ne) is a colorless, odorless, and inert noble gas. It is the fifth-most abundant element in the universe and is present in trace amounts in the Earth's atmosphere. Here are some key points about neon gas:

**Chemical Properties:** Neon is a chemical element with the atomic number 10 and belongs to the noble gas group of elements. It has a complete set of eight valence electrons, making it highly stable and nonreactive under normal conditions.

**Properties:** Neon possesses several important properties:

**Color:** Neon gas emits a characteristic reddish-orange glow when an electric current passes through it, which is utilized in various applications, such as neon signs and lighting.

**Density:** Neon is slightly lighter than air and tends to rise in the atmosphere.

**Inertness:** Neon is chemically inert and does not readily form chemical compounds with other elements. It does not react with most substances and is considered non-toxic.

**Occurrence:** Neon is a rare element on Earth but is more abundant in the universe. It is extracted from the atmosphere through the process of air separation, as it constitutes a small fraction (about 0.0018%) of the Earth's atmosphere.

**Uses:** Neon gas has various applications:

**Neon Signs:** The distinctive red-orange glow of neon gas when electrified makes it popular for use in neon signs and advertising displays.

**Lighting:** Neon gas is used in specialized lighting applications, such as plasma display panels (PDPs) and neon lamps.

**Cryogenic Refrigeration:** Neon is used as a cryogenic refrigerant in certain low-temperature applications, such as cryogenic research and cooling superconducting materials.

**Laser Technology:** Neon gas is used as a medium in certain types of lasers, such as helium-neon (HeNe) lasers.

**Research and Analysis:** Neon is used in various scientific research and analytical instruments, including mass spectrometers, gas chromatography, and nuclear reactors.

**Safety Considerations:** Neon gas is generally considered safe and non-toxic. However, as with any compressed gas, proper handling, storage, and transport practices should be followed to ensure safety. It is important to be cautious of the risks associated with high-pressure gas storage and potential asphyxiation hazards in confined spaces.

Neon gas has a range of interesting properties and applications, particularly in the field of lighting and display technologies. Its inertness and stability make it useful in various scientific and industrial settings.

#### Basic Info.

Pressure	12.5MPa	Electronic Grade	Electronic Grade
Cylinder	50L	Purity	99.999%
Transport Package	Sea Transportation	Specification	50L 99.999%
Trademark	CMC	Origin	Suzhou
Production Capacity	2000piece/Month		

#### Specification:

Product Name	Neon
Molecular Formula	Ne
CAS	7440/1/9
EINECS No.	231-110-9
Grade	Electron Grade, Industrial Grade
Place Of Origin	Jiangsu, China
Purity	99.999%-
Hazard Class	2.2
Molecular Weight	20.18
UN	1065
Boiling Point(°C)	(-246°C)
Packing Detail	Cylinder:50L( DOT) Valve:CGA580 Filling Content:8CBM

#### Detailed Photos





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: 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	Ar+O <sub>2</sub>			
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>	Xe+NO			



 Shanghai Kemike Chemical Co.,Ltd

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com