



China best price best Cylinder Gas high purity 99.999% Gas Neon

Our Product Introduction

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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
- Valve: Qf-2/Cga580
- Boiling Point: 245.9 °C
- Melting Point: 248.6 °C
- Cylinder Standard: DOT/ISO/GB
- 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
- Formula: Ne



More Images



Product Description

Product Description

Neon gas (Ne) is a chemical element in the noble gas group of the periodic table. It is a colorless, odorless, and inert gas. Here are some key points about neon gas:

Chemical Properties: Neon is a monatomic gas, meaning its molecules consist of single atoms. It is chemically inert, meaning it has low reactivity and does not readily form compounds with other elements.

Abundance: Neon is the fifth most abundant chemical element in the universe, but it is rare in Earth's atmosphere, making up only about 0.0018% of the air.

Production: Neon is produced through a process called fractional distillation of liquid air. In this process, air is cooled and gradually separated into its different components, including neon.

Applications:

Lighting: Neon is famous for its use in neon signs. When an electrical current is applied to a sealed glass tube filled with neon gas, it emits a bright red-orange glow. Different colors can be produced by using other noble gases or adding phosphors to the tube.

Cryogenics: Neon is used in cryogenic applications to achieve low temperatures. It is employed as a refrigerant in certain cooling systems, such as cryogenic freezers and refrigerators.

Scientific Research: Neon is used as a cryogenic coolant in various research applications, including in the cooling of superconducting magnets in particle accelerators and nuclear magnetic resonance (NMR) instruments.

Laser Technology: Neon is used as a laser gain medium in certain types of lasers, such as helium-neon (He-Ne) lasers. These lasers emit visible red light and are widely used in scientific, industrial, and medical applications.

High-Voltage Indicators: Neon is sometimes used in high-voltage indicators, where it glows to indicate the presence of an electric field.

Television Tubes: In the past, neon gas was used in cathode ray tubes (CRTs) for television and computer monitors to help create the glowing phosphor screen.

Safety Considerations: Neon gas is generally considered safe and nontoxic. It is not flammable or reactive. However, as with any compressed gas, proper handling, storage, and ventilation should be observed to ensure safety.

Neon gas is a fascinating element with various practical applications, particularly in lighting and cryogenics. Its distinctive bright glow has made it a popular choice for artistic and commercial signage.

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: 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			



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