

Medical and Scientific Lasers Anesthetic Properties Cylinder Gas Xenon

Basic Information

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



Product Specification

• Product Name: Xenon Gas • Purity: 99.999% • Pressure: 12.5MPa 8L/10L/50L . Cylinder:

• Transport Package: Cylinder1I 4L 8L 40L 50L Specification: Cylinder1L 4L 8L 40L 50L

Trademark: CMC China • Origin: • HS Code: 2804290000 • Supply Ability: 1000piece/Month 7440-63-3 · CAS No.: • Formula: Xe

. EINECS: Constituent: Industrial Pure Air • Grade Standard: Industrial Grade

231-172-7



More Images



Product Description

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Xenon is a chemical element with the symbol Xe and atomic number 54. Here are some key points about xenon:

Chemical Symbol: Xe Atomic Number: 54

Atomic Weight: 131.29 atomic mass units

State at Room Temperature: Xenon is a colorless, odorless, and tasteless noble gas. It is one of the heaviest stable gases and has a high density. Noble Gas: Xenon belongs to the noble gas group on the periodic table, which means it is chemically inert and does not readily react with other elements. It has a full outer electron shell, making it stable and unreactive under normal conditions.

Occurrence: Xenon is present in trace amounts in the Earth's atmosphere, estimated to be about 0.0000087% by volume. It is obtained as a byproduct of the liquefaction and separation of air.

Uses: Xenon has several applications in various fields. It is used in lighting, particularly in high-intensity discharge lamps, where its bright white light is desirable. Xenon is also used in certain types of lasers, such as excimer lasers used in medical and scientific applications. Additionally, xenon is used in some specialized imaging techniques, such as xenon-enhanced computed tomography (CT) scans.

Anesthetic Properties: Xenon has anesthetic properties and can be used as a general anesthetic in certain medical procedures. It has advantages over other anesthetic gases due to its low solubility in blood, rapid onset, and minimal side effects.

Nuclear Applications: Xenon-133, a radioactive isotope of xenon, is used in nuclear medicine for lung ventilation imaging and blood flow studies. Xenon isotopes are also used in nuclear reactors for research, control rods, and neutron detectors.

Xenon Compounds: Although xenon is mostly unreactive, it can form compounds under specific conditions, such as with highly electronegative elements or in the presence of strong oxidizing agents. Some examples of xenon compounds include xenon hexafluoroplatinate (XePtF6) and xenon tetrafluoride (XeF4).

Basic Info.

Transport Package: 8L/10L/40L/47L/50L Melting Point -112 °C
Trademark: CMC Boiling Point -107.1 °C

Specification 100.00% Production Capacity 1000, 000liter/Year Cylinder Pressure 12.5MPa/15MPa/20MPa Cylinder Pressure 12.5MPa/15MPa/20MPa

Specification:

Dot Class: 2.2 State: Gas Purity: 99.999% UN NO: UN2036 CAS NO: 7740-63-3

Grade Standard: Industrial Grade

Specification 99.999% Hydrogen ≤ 0.5 ppm Oxygen + Argon ≤ 1.5 ppm Nitrogen ≤ 2.5 ppm Carbon Dioxide ≤ 0.2 ppm Carbon Monoxide≤ 0.3 ppm Methane ≤ 0.3 ppm ≤ 2.0 ppm Krypton Fluor chemical ≤ 0.5 ppm Nitrous Oxide ≤ 0.2 ppm Moisture ≤ 2.0 ppm

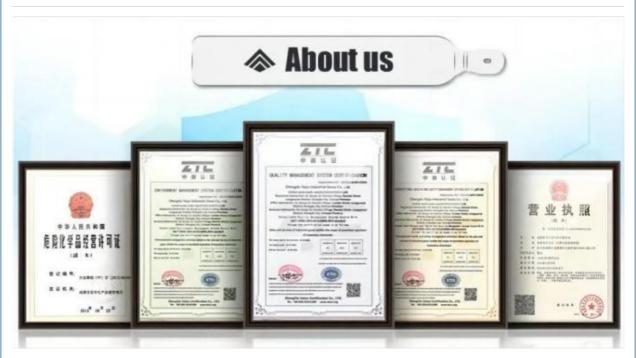
Detailed Photos



Packaging & Shipping Cylinder Specifications Contents Pressure Cylinder Capacity Valve Volume bar psig

40L CGA580 6 m3 150 2175 47L CGA580 7 m3 150 2175 50L CGA580 10 m3 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.

CH3F WF6 F6+Cl2 SiCI4 NH3 NH3 SiH4 Kr H₂S

C2 **TEOS** CH4 SF6 HCI+Ne 4MS C3F8 C3F8 PH₃

SiH2 CF4 C4F8

C3H8 SiF4 CI2

DCE BBr3 C3H6

POCI3 N2 **SO2**

BCI3 D2 CO2

CH2F2

SiHCI3

TMAI DMZn DEZn AsH3

GeH4

HF

C2H4

C2H6

B2H6

C2H2

H2Se

HBr

GeCl4

COS

Xe+NO

TMB+H2

He +As

Ge+Se

D+B

CO+NO

Ar+O2





