

MEDICAL GASES

Medical gases are all gases used for medical purposes.

Dozens of gases such as oxygen gas in acute and chronic lung diseases, ethylene oxide in sterilization applications, nitrous oxide in anesthesia applications, liquid nitrogen in cryogenic surgery, medical carbon dioxide in laproscopic operations, lung diffusion gas in respiratory tests are used safely in various medical fields.

The cylinders in which oxygen gas for respiratory purposes are filled are blue in color and must have a white stripe.



MEDICAL GASES







Medical Oxygen	Ethylene Oxide
Medical Nitrogen	Dry Air
Narcosis	Blood Gas
Medical Carbon Dioxide	Liquid Helium
Medical Nitrous Oxide	Pulmonary Function Test Gas



You can contact our sales team for your orders according to your needs.

MEDICAL OXYGEN

Medical oxygen therapy is one of the most important treatments for patients' breathing relief. The main conditions that require medical oxygen therapy are chronic obstructive pulmonary disease (COPD), acute liver disease, respiratory failure, emphysema, chronic bronchitis, severe asthma, end-stage muscle diseases, severe cystic fibrosis, heart diseases and poisoning. Medical oxygen treatment is performed with a medical oxygen cylinder, oxygen therapy device and nasal cannula. We provide the service of liquid oxygen gas with stainless steel mobile tanks or fixed tanks with a capacity of more than one ton.

MEDICAL GAS OXYGEN SUPPLY CONTAINERS			MEDICAL LIQUID OXYGEN SUPPLY CONTAINERS		
PRODUCT	CAPACITY	IMAGE	PRODUCT	CAPACITY	IMAGE
STEEL CYLINDERS	2-5-10 40-50 LT		LIQUID CYLINDER	200-250 LT	
ALUMINIUM CYLINDERS	1-2-3-4-5 10-20-50 LT		MOBILE TANK	1000 2000 3000 LT	
CYLINDER BUNDLES	300 - 600 800 LT		CRYOGENIC TANK	5000 10000 20000 LT.	

**YOU CAN CONTACT OUR SALES TEAM FOR
"OXYGEN THERAPY DEVICE"**



MEDICAL LIQUID NITROGEN

While medical liquid nitrogen is used for the safe storage of medical samples such as blood, plasma and semen or research samples, it is also used by beauty centers for the freezing method in the treatment of warts and other lesions on the skin without the need for surgery.



Incubator Gas (NO)

Respiratory regulating nitric oxide gas mixtures can be used for infants who are still developing in the neonatal unit.

We provide the Ministry of Health approved filling service and supply of these mixtures used.



Blood Gas

Blood gas is a test used to calculate the bicarbonate value and oxygen saturation by measuring the partial pressures of gases such as oxygen and carbon dioxide in the blood, as well as the blood pH, thus determining whether the patient has hypoxemia, acidosis or alkalosis. This test measures how well the body uses oxygen and gets rid of carbon dioxide.

Blood gas analysis provides healthcare professionals with information on the respiratory and metabolic status of their critically ill patients, with measurements of pH, carbon dioxide (pCO₂) and oxygen (pO₂), as well as measurements of electrolytes, lactate and hemoglobin.



Lung Diffusion Gas

We supply the following gas mixtures;

- %16 O₂ + %5 CO₂ + %0.3 CO + %0.3 CH₄ Balance N₂
- %0.3 CO + %0.3 CH₄ + %0.3 C₂H₂ Balance Air
- %0.3 CO + %9 He Balance Air

You can contact our sales team for your incubator gas, blood gas and lung diffusion gas orders.

OTHER MEDICAL AND SPECIAL GASES

Ethylene oxide gas used in sterilization and some calibration gases used in medical devices can be purchased and produced in gas phase tubes at different mixing ratios according to the characteristics of the devices.

Medical Gases

- Medical CO₂
- Medical Dry Air
- Medikal Narcosis

Special Mixture Gases

- Ethylene Oxide (ETO)