

SICGILSOL INDIA PRIVATE LIMITED



Pure Medical, Specialty Gases and Mixture



Medical gases as drugs

Among the new frontiers of medicine, medical gases represent a resource of interest in the fight against human diseases.

In addition to oxygen and nitrous oxide, used for many years, today medical gases and mixtures that provide new short and long term therapeutic solutions are available. Carbon dioxide, medical air, nitrogen monoxide and mixtures are the main examples.

Gases used for therapeutic purpose are actually drugs and they have to comply with specific purity and quality standards stated in Indian Pharmacopoeia.

According to Indian Pharmacopoeia on human drugs, industrially produced medical gases have been subjected like all other drugs to specific authorizations, released by national authorities; regarding product manufacturing, marketing and distribution.



Compressed Gas

We never compromise on safety for patients and healthcare staff. All SICGILSOL compressed gas cylinders are designed to be robust, safe, and convenient to handle. All cylinders are inspected at every fill to ensure they are safe for use.

SICGILSOL is supplying **200 Bar Pressure** cylinder for reducing the inventory and the number of cylinders



Dura Cylinder

SICGILSOL dura cylinders are our answer to meet the oxygen requirement of medium hospital where the volume require a frequent cylinder changeover and there is a lack of space for inventory. SICGILSOL dura cylinders are, in fact, state of art portable cryogenic cylinder that combines the

advantage of cryogenic and cylinder supplies as one SICGILSOL dura cylinder is approximately equivalent to 20 bulk type cylinders.



Liquid Medical Oxygen

Significant advances in therapeutic uses of medical gases have resulted in increased medical gas usage for a number of diverse clinical applications. Hospitals generally have large annual consumption levels of oxygen so bulk liquid is a very cost effective and convenient supply option.

On the basis of its experience SICGILSOL is able to design, in accordance with CCOE rules and HTM 02-01 standards, the most suitable liquid medical oxygen installation to meet Your oxygen requirement. SICGILSOL is ready supply, install and maintain the liquid medical oxygen installation that includes

- Liquid medical oxygen cryogenic tank approved by CCOE
- Aluminium thin tube atmospheric vaporiser
- Pressure control system to control the oxygen
- Pressure to Your medical gas pipeline system
- All the necessary piping as per HTM 02-01 standards.

SICGILSOL could also supply and install its advance telemetry system, so You could control 24/24 hours the stock level in order to assure the maximum reliability and to advice automatically SICGILSOL closer factory of planning tank refilling without any phone call.





Specialty and Medical gas mixture :

SICGILSOL supplies a number of medical gases which are used for diagnostic investigations for patients with respiratory disease and other investigative techniques.

- UHP Carbon di-oxide and Carbon dioxide : Oxygen mixtures
- UHP Helium, Helium : Oxygen and laser gas mixtures
- UHP Nitrogen and Argon
- Nitrous oxide : Oxygen mixture
- Nitric oxide therapy mixture
- Blood gas and lung diffusion mixture
- Aerobic and Anaerobic mixture
- All galenic and calibration gas mixture based on your recipe.

The distribution of SICGILSOL primary and secondary production facilities assures punctual and efficient supplies throughout India thanks to the logistics organisation and the vast number of vehicles fitted out to transport compressed, liquefied and cryogenic gases.

Customer benefit from continuous and precise service thanks to the capillary diffusion of SICGILSOL sales staff and technicians.



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