

# China Medical Oxygen Concentrator, Oxygen Concentrator for Hospital



China high quality medical oxygen generators for hospitals

China High Quality Hospital Oxygen Concentrator - China Medical Oxygen Concentrator has been installed and operated in various hospitals in China. Medical grade oxygen produced by medical oxygen generators is supplied to ICU (Intensive Care Unit), OT (Operating Room). It is also used as a substitute for nitrous oxide during anesthesia to reduce high levels of oxygen exposure. Currently, the source of medical oxygen is a cylinder manifold. Now, smart hospitals are using on-site medical oxygen generators and backup cylinders to get the benefits of medical oxygen generators. Hospitals around the world are realizing that onsite medical oxygen generators offer a highly reliable and economical solution. For their patients' oxygen needs, an on-site oxygen generator is the

solution. It avoids the cost of purchasing, receiving and monitoring the hospital's oxygen supply. Costly daily resupply, manual injuries and expensive cylinder inventory add to the expense. Cylinder delivery can also be very expensive if the oxygen supplier is in a remote location. Hospitals can run out of medical oxygen using cylinders if operators are not careful. As a top manufacturer of medical oxygen generators, XITEch Technologies offers complete medical oxygen generation, storage and distribution systems.

#### A) Medical Oxygen Concentrator Technology

Medical oxygen generators are proven to be life-saving machines for hospitals with medical grade oxygen that meets the nationally required standard of 93%-96%. On-site medical grade PSA oxygen generators are completely safe, reliable and durable, providing uninterrupted 24\*7 oxygen to patient beds. Use is free from interruptions, blockages, hazardous conditions and irregularities. Hospitals that use traditional procurement methods, using cylinders or bulk liquid oxygen tanks, experience regular problems. Hospitals using on-site medical oxygen generator technology can safely, reliably and consistently supply oxygen on demand. XITE medical grade PSA oxygen generators are providing life-saving oxygen to hospitals worldwide. Whether your hospital requirement is 99%, 95% or 90%, we have the right oxygen generator for your needs. See the different oxygen percentages for each country's pharmacopoeia. The technology used to produce medical grade oxygen is the variable pressure adsorption method. Compressed air is passed through and oxygen comes out of one PSA bed as a product gas, while the other PSA bed is regenerated simultaneously by depressurizing to atmospheric pressure.

Why medical oxygen generator technology is the best technology for hospitals is not a question.

- Smart hospitals are already using on-site medical oxygen generators. They save money, save lives, and the hospital doesn't have to care about the service part. - The service requirements for medical oxygen generators are minimal. It is negligible compared to

the various tasks and operations required for cylinder sets or bulk liquid oxygen tanks/bottles.

- Medical Oxygen Concentrator technology has been adopted by the U.S. Army and Army hospitals, so the safety and reliability of the technology has never been questioned. All you need is to find the right company who can provide you with a product and provide as high a quality of service support as you can imagine. See the benefits of medical oxygen generators. So let us save you money and time, make your hospital safer and more reliable, and gain peace of mind for your patients. Get in touch with us today!

#### B) Size-packaging.

The best option for supplying medical grade oxygen to hospitals is on-site production. The best medical oxygen generators for hospitals in China are available in different sizes and packaging. They are designed to be uniform and provide hospitals with an international class experience. The medical oxygen generators are equipped with online oxygen analyzers to check the purity of the oxygen to ensure that everything operates according to hospital standards and complies with Chinese Pharmacopoeia standards.

On the hospital side, we offer three different plans.

#### Standard Plan.

The standard plan has a medical oxygen generator unit with a cylinder manifold system as a back-up supply. Using the existing Medical Oxygen Piping System (MOGPS), the medical oxygen equipment is directly connected to it. The switchover panel acts as a control system. It will switch to the cylinder manifold that serves as the backup supply for the medical oxygen equipment.

#### Premium option.

This is the most popular arrangement. Two medical oxygen generators are connected and the other one acts as a backup. In addition, a cylinder manifold is connected for further emergency backup. Large hospitals are visited by thousands of patients every day. These

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