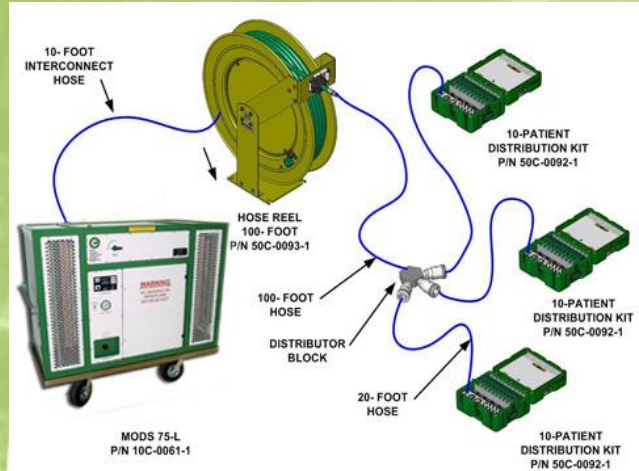


Deployable Oxygen System

Disaster Medical Technologies offers the complete oxygen system for backup oxygen and secondary site care. The system carries both liquid and gaseous O₂ for patient needs. The idea is to ultimately utilize liquid O₂ for short term and long term patient care. We offer the equipment in separate components or one complete system. Used by professionals and agencies worldwide, these products are designed and tested by leaders of hospital and health departments.

The Mass Oxygen Distribution System (MODS) is a lower pressure portable 75 liter liquid oxygen storage and gaseous distribution system, capable of supplying up to 64,500 gaseous liters of on-board oxygen at a maximum flow rate of 450 liters per minute at 200 psig. Fifteen Patient Distribution Kits (PDK) can be connected to the MODS, providing oxygen for a maximum of 150 patients at a flow rate of 3 liters per minute. Liquid oxygen ports allow standard liquid oxygen cylinders (VGL) to be attached, extending the usage time of the system indefinitely after the on-board 75 liters have been depleted. Weighing approximately 550 pounds when full, the MODS has four wheels to facilitate movement. The MODS requires no external power and uses just six C batteries for the quantity indicator. An optional 110 Volt power port is provided.



- 75-Liters of Liquid Oxygen (LOX) is stored in a small, rugged system that provides over 64,000 gaseous liters for patient support
- Oxygen capacity of just one MODS-75 system is equivalent to 12 large high-pressure "H" cylinders
- LOX costs less than Gaseous Oxygen and uses ALL of the oxygen volume (Gaseous Oxygen cylinders only utilize 80% of its volume)
- Interfaces with the Medlox 100-Foot Hose Reel Assembly and Patient Distribution Kit (sold separately)
- Mobile and space-conscious design
- Improve safety due to lower system pressurization
- Designed for permanent trailer or truck mounting (simply refill onboard) and wheel mounted for easy mobility
- NO gaseous tank rental costs or inventories to manage or insure
- Dimensions: Height..... ~54 inches
Width..... ~30 inches
Length..... ~60 inches
- Oxygen Flow Rate: Up to 450 LPM (for up to 2.3 hours from the on board tank & up to 72 hours by attaching additional LOX storage tanks)
- Outlet Temperature: +10°/-20° of ambient
- Outlet Pressure: 200 psig
- Weight: ~ 500 lbs. (Full)
- NO external power required for operation

