

When the unexpected happens – Praxair offers the Emergency Oxygen Supply Manifold (EOSM)*



If your bulk oxygen supply is interrupted, do you have the ability on-site to supply your system?

When an unexpected event interrupts your bulk supply, how do you recover? The Emergency Oxygen Supply Manifold (EOSM) system can help quickly restore oxygen supply to patients in your healthcare facility. This portable device sits on a moveable cart, rolls easily through a standard size doorway, and attaches to the emergency oxygen supply connection for your facility. It connects your oxygen system quickly and easily to a portable dewar and/or cylinders and can temporarily help maintain the central system while the primary oxygen source is being restored.

EOSM features provide a continuous oxygen supply:

Dual Oxygen Source

The EOSM system connects your oxygen system to a primary liquid oxygen dewar, and also to an additional reserve of high pressure oxygen cylinders. When everything is connected, the additional reserve automatically provides oxygen to the EOSM system if the liquid dewar is interrupted or depleted.

Reliable, High Quality Dewar Connections

CGA 440 stainless steel corrugated hoses connect the liquid oxygen dewars to the EOSM system. The hoses are eight feet in length and capable of withstanding 1000 psig pressure.



Cylinder Connections Adjust Automatically If Needed

If the system has to shift from the primary dewar to reserve cylinders, a single-stage primary regulator with an inlet filter automatically regulates the cylinder pressure.

Sturdy Cylinder Support

The cylinder support bracket safely secures two high-pressure oxygen cylinders and is fitted with copper pigtails and check valves.

Dual Final Line Regulators Geared for Maximum Demand

Each regulator is sized to maintain the oxygen supply pressure in the standard 50 to 55 psig range with minimal pressure drop, even when demand is high.

Parallel Ambient Vaporizers Maintain Flow

Dual vaporizers can maintain flowrates of 1200 scfh and are capable of intermittent flows of up to 2000 scfh.

Safety Features

Safety relief devices upstream of control valves and a final line safety relief valve downstream of the line regulators provide an extra layer of safety. Pressure gauges are included for all separate conduits in the system.

For more information, please call 800-431-2460.