

Portable Oxygen Generating System

Purity, pressure, flow, portability, savings, solutions...



Oxygen on demand, anytime, anywhere, 100% uptime .

Five models

OGI- 40-FRS OGI- 40-FRS

OGI- 80-FRS OGI-100-FRS

OGI-150-FRS

Fill cylinders up to 2,200 PSI.

With 95% purity .

We provide systems that meet the requirements of your Medical Center for flow, purity and pressure. We also offer a totally integrated medical-gas plant (oxygen, nitrogen, vacuum and compressed air) to meet any required specifications and regulations.



RAPID RECOVERY OF INVESTMENT

CONVENIENT

RELIABLE

SAFE

DURABLE

LOW MAINTENANCE



ORION GROUP INTERNATIONAL INC.

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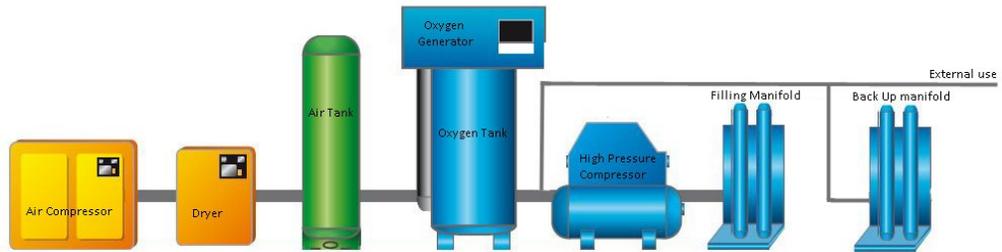
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www.oriongroupintl.com

Portable Oxygen Generating System

How it works:

Compressed air enters the molecular sieve (Zeolite). Molecules of oxygen are smaller and pass through the sieve, while the larger nitrogen molecules are absorbed by the Zeolite (trapped in the sieve). The oxygen is stored in the output tank.



Before sieve saturation occurs, the compressed air feed is switched to a second sieve bed, allowing the first sieve to release the trapped nitrogen into the atmosphere. The process is then repeated, generating a steady flow of oxygen.

Features and benefits:

Convenient:

Easy to maintain and transport.
Provides an unlimited supply of oxygen; you need only electrical power.

Touch Screen Control:

The system provides a touch screen for:

- precision control of purity levels
- diagnosis and resolution of problems
- maintenance schedules
- operating diagrams

And more.

Savings:

Produces its own oxygen for just a fraction of what it costs to buy by the cylinder, by the cryogenic tank, or in even larger quantities. The system fills oxygen cylinders at pressures of up to 2200PSI/153Bar.

Rapid amortization:

The system acquisition cost is recovered in an average of less than 18 months, without even considering the cost of renting oxygen tanks, shipping tanks and the inconvenience of long-term contracts.

Low operating cost:

The only operating cost is the electricity needed to power the air compressors. Very limited maintenance is required, typically one to two hours every three months.

Fully automatic:

The production of oxygen starts when an increase in demand is observed.

Reliable:

Orion Group systems have been operating for more than 20 years in some of the most remote places on Earth.

Flexible, Quiet Operation:

Systems are available in several different capacities. Orion Group systems are much quieter than comparable systems from other suppliers. They can also be delivered with a Sound-Reduction Enclosure for particularly noise-sensitive areas.



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