



EXPEDITION NITROX & TRIMIX GENERATORS

Convenience, simple, practice, confiability, safe....



Pure convenience, low level of noise and vibrations, safe, designed to carry out the mixture of NITROX or TRIMIX that you want in three simple steps.

	Expedition I	Expedition II
Flow (SCFH)	100	200
Oxygen 99%	25	50
Output (PSI)	3,000	3,000
Power (Kw)	7	12
Size (inch)	50x60x55	50x65x60



Applications:

- Fill Scuba cylinder.
- Automatic NITROX and TRIMIX generation.
- Fill oxygen with a purity of 99% .
- Designed to be installed on boats.



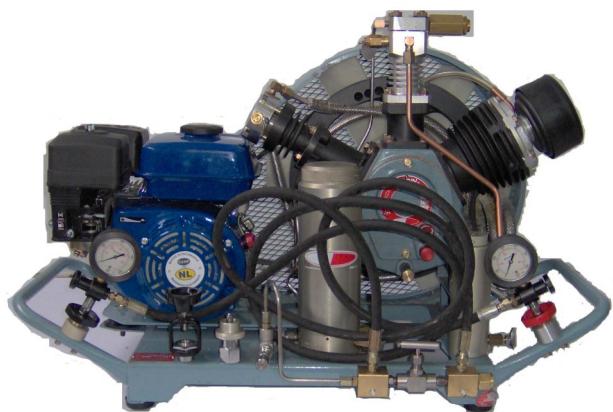
ORION GROUP INTERNATIONAL INC.
www.oriongroupintl.com

NITROX & TRIMIX GENERATOR

CHARACTERISTIC AND BENEFITS:

High Pressure Compressors:

The design of these compressors was focused on reliability and easiness and simplicity of their maintenance. They have oil free compression stage and filters in order to assure the quality of the mixture and a low level of noise. They use oils that are compatible with high levels of oxygen.



Portable Compressor, flow 8 m³/h
330 Bar / 4786 PSIG

Control Panel:

The control panel is a Touch Screen, from which you can select the Nitrox or Trimix mixture and the final pressure desired to fill the cylinders. Three simple steps and you are producing the selected mixture. When the system stops, it prints a label with the data of the mixture, the current date and the supplier's identification, in order to place it in the filled cylinder.

Special Characteristics:

These two models have the ability to fill cylinders with oxygen 99% using the oxygen generator which is included in the system. The Oxygen Sensors that are used in these systems are paramagnetic sensor that do not require replace.

Low operative cost:

Due to the design and selection of the best components in the market to manufacture these systems, we have achieved very high and reliable systems that require very little maintenance.

This is another reason why the systems have a very small operative cost.

