



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.

Flow from 4,25 m³/h-150 SCFH to 31 m³/h-1,100 SCFH.

Output pressure to 350 bar/5,145 PSIG, depending on the model.

We can provide the system of gas generation that fulfills the flow or pressure needed,



Applications:

- Fill Scuba cylinder.
- Automatic NITROX generation
- Automatic TRIMIX generation
- Systems for Scuba Store.



ORION GROUP INTERNATIONAL INC.

www.oriongroupintl.com

NITROX & TRIMIX GENERATOR

Characteristic and benefits:

High Pressure Compressors:

The design of the compressors was focused on the reliability, and easiness and simplicity of their maintenance . They have buffers tanks between stages and filters in order to assure the quality of the air and a low level of noise. They use oil that are compatible with high levels of oxygen.

Control Panel:

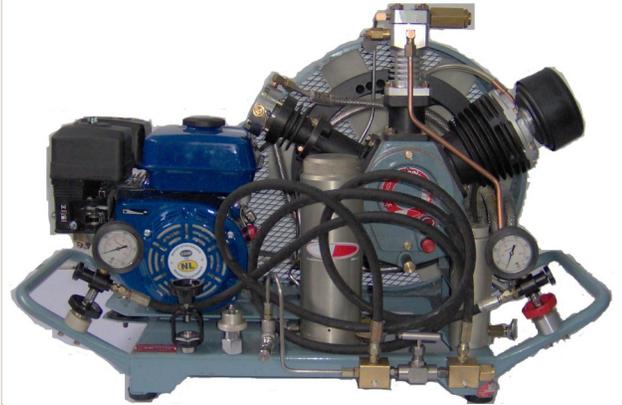
The control panel is a Touch Screen, from which you can select the Nitrox or Trimix mixture and the final pressure desired to fill the cylinders. Three simple steps and you are producing the selected mixture. When the system stops, it prints a label with the data of the mixture, the current date and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

Special Characteristics:

Some models have the ability to fill cylinders with oxygen using the oxygen generator which is included in the system. The Oxygen Sensors that are used in the small system have a long life, in the bigger models we have included a paramagnetic sensor that do not require substitution.

Low operative cost:

Due to the design and selection of the best components in the market to manufacture this systems, we have achieved a very high and reliable system that require very little maintenance. These is another reason why the systems have a very small operative cost.



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

