

NITROX

POSEIDON NITROX GENERATORS

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



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

	Poseidon I	Poseidon II	Poseidon III
Flow (SCFH)	300	600	1,100
Oxygen 95%	100	200	300
Output (PSI)	4,785	5,145	5,145
Power (Kw)	12	22	30
Size (inch)	60 x 50 x 70	10 x 50 x 75	130 x 55 x 80

Applications:

Fill Scuba cylinder with Nitrox or Air
Automatic NITROX generation.

Fill oxygen with a purity of 95% .
Designed to be installed in Scuba Stores.

Designed to
IANTD
Specifications

Contact:
+1.786.704.9722
orion@iantd.com

IANTD
International Association of
Nitrox and Technical Divers

www.iantd.com



ORION GROUP INTERNATIONAL INC.

www.oriongroupintl.com

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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 oil free compression stage and filters in order to assure the quality of the mixture and a low level of noise. They use oil that are compatible with high levels of oxygen .

Control Panel:

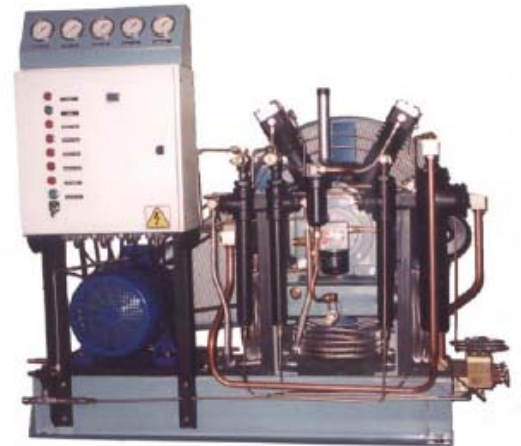
The control panel is a Touch Screen, from which you can select the Nitrox mixture and the final pressure desired to fill the cylinders. Three simple steps and you are producing the selected mixture. When the system stops, it prints a label with the data of the mixture, the current date and the supplier's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

Special Characteristics:

Some models have the ability to fill cylinders with oxygen 95% using the oxygen generator which is included in the system. The Oxygen Sensors that are used in the small systems have a long life, in the bigger models we have included a paramagnetic sensor that do not require replacements.

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.



Oil Free Compressor, with command panel.



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