

ION

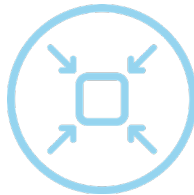
OXYGEN GENERATOR



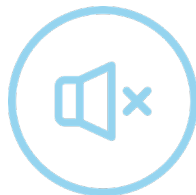
ON-SITE ULTRA PURE OXYGEN NOW AVAILABLE FOR LABS



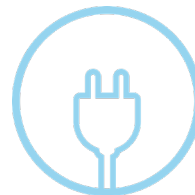
Ultra pure
oxygen



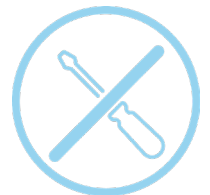
Truly
compact



Quiet
operation



Plug
and play



Low
maintenance

NOVAIR

ULTRA PURE OXYGEN IDEAL FOR LAB ENVIRONMENTS

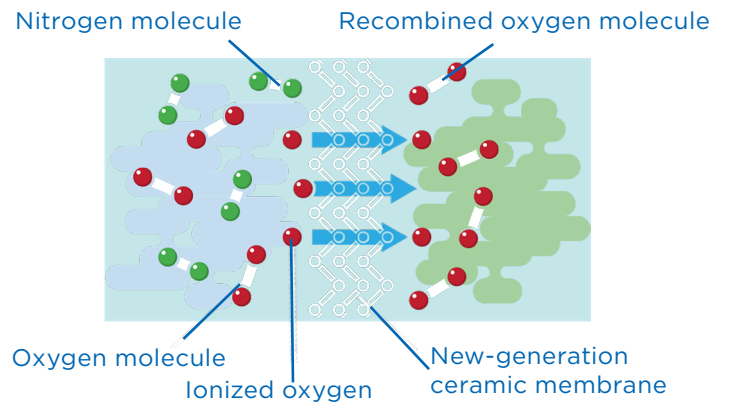
- Carbon, Hydrogen, Nitrogen, Sulfur (CHNS) elemental analysis applications
- Protein content analysis using 'Dumas' methods
- Inductively Coupled Plasma (ICP) analysis
- Total Organic Carbon (TOC) analysis
- Sulfur Chemiluminescence Detectors (SCD)
- Aerobic reactions



Technical Data	
Standard oxygen flow	6.4 SCFH (3 LPM) per unit
O2 Output Pressure	100 psi (6.89 bar)
Purity High-pressure Version / Ultra-high-pressure Version	99.99% / 99.9999%
Sound Level	55 dB(A) at 3ft (1m)
Weight	160 lbs. (73 kg)
Dimensions	34"L x 16"W x 23"H
Power Supply	115 VAC, 60 Hz, 1 Ph, 20 Amp
Power Consumption	1 kW on average

Ionic technology

The atmosphere is virtually an endless source of free oxygen. Using a specialized non-porous ceramic membrane, the ION's electrochemical process selectively converts gaseous molecular oxygen into atoms of ionized oxygen that are immediately drawn into the front-side of a solid ceramic crystal that can only accept oxygen ions. A small applied DC voltage (smaller than 1 volt) forces oxygen ions to migrate through the ceramic crystal until they emerge on the back-side of the ceramic membrane and are immediately converted back into molecular oxygen.



Why produce oxygen on site?



Proven savings



Full safety



No more heavy bottles to handle



No more logistics constraints



IONICOXYGEN.COM



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