

NITRO-GEN+ Nitrogen Generator

DESCRIPTION

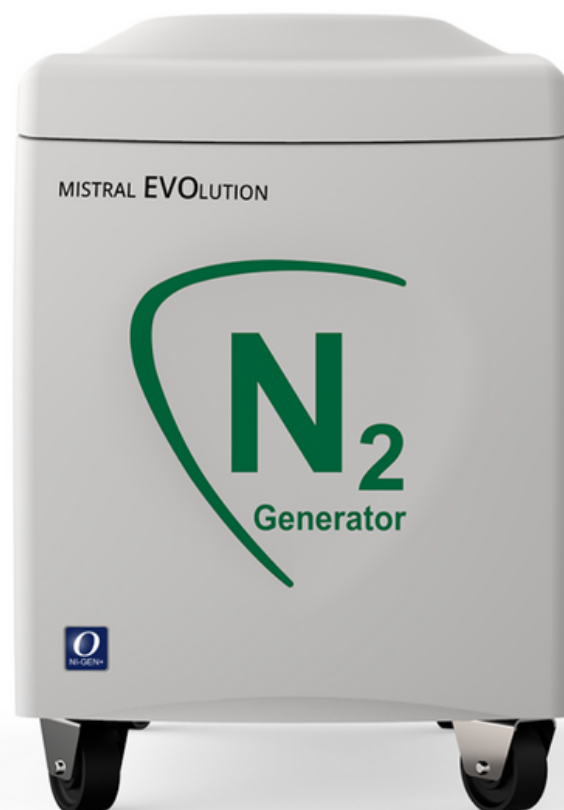
The NITRO-GEN+ Nitrogen Generator (Catalog# NA1935) is compatible with all Organomation nitrogen evaporators up to 100 sample positions, and is designed to fulfill the needs of sample preparation and LC-MS analysis.

It is a self-contained generator that is able to produce up to 35 LPM of nitrogen gas with a purity up to 99-98%. This generator produces nitrogen by combining the utilization of compressors and Carbon Molecular Sieve (CMS) technology. Its dual compressor technology utilizes both a high and low pressure compressor, both of which are included with the unit. This allows the unit to remain quiet while producing a constant, uninterrupted N₂ gas supply. This 2-stage pressure design also reduces the stress on the compressors, extending their life and reducing maintenance costs.

This generator is able to produce nitrogen at both a low pressure and ambient temperature, eliminating the need for hazardous high pressure cylinders and liquid Dewars. The NITRO-GEN+ promotes a safe laboratory environment while being a reliable source of N₂ gas for a variety of applications.

ADVANTAGES

- **Convenient-** Integrated air compressors eliminate the stress of sourcing your own to run your generator.
- **Safe Operation-** Nitrogen produced at low pressure and ambient temperature removes hazards associated with high pressure cylinders
- **Quiet-** Running noise level is 55 dBA at 1 meter.
- **Efficient-** Constant, uninterrupted gas supply eliminates delays in analysis when changing out N₂ cylinders.



In partnership with VICI DBS.

STANDARD FEATURES

- Integrated low noise, oil-free compressors
- Proprietary Carbon Molecular Sieve Technology
- Complete "plug and play" LC-MS solution

NITRO-GEN+ Nitrogen Generator	
Instrument Catalog Number	NA1935
Flow Rate	Up to 35 L/min
Nitrogen Purity	Up to 99% purity at a flow rate of ≤ 25 L/min Up to 98% purity at a flow rate of >25 L/min
Dewpoint	-58°F -50 °C
Technology	Carbon Molecular Sieve (CMS)
Warm Up Time	20 minutes
Output Pressure	0-116 psi 0-8 bar
Electrical Requirements	110-120 V, 60 Hz 220-240 V, 50 Hz
Total Wattage	1800 W
Index of Protection	IP20
Mechanical Impact Rating	IK08
Noise Level	55 dBA at 1 meter
Overall Dimensions (W x D x H)	18.9 x 33 x 25 in 48 x 83.8 x 63.5 cm
Weight	198 lbs. 90 kg
Outlet Connection	6 mm OD compression or 1/4"
Certification	CE, FCC, MET (UL and CSA compliant)
Warranty Term	2 years or 8,000 hour run-time
Environmental Operating Conditions	
Operating Temperature	59-95 °F 15-35 °C
Relative Humidity	0-80% rF with no condenser 0-99% rF with condense drain
Altitude	<2,000 m (from 800 to 1,150 hPa)