

N
N₂
A

NG EOLO

Ultra High purity Nitrogen generator

The High purity NitroGen series **NG EOLO** produce laboratory high grade nitrogen for most of the laboratory applications and equipments. Designed with safety and convenience in mind, this system generates purified nitrogen, eliminating the need for inconvenient cumbersome high-pressure gas cylinders.

The NG EOLO removes oxygen from air to less than 10 ppm and HC pollutants to less than 0.1ppm (if the optional scrubber is installed). The typical flows are: 500 Nml/min, 750 Nml/min, 1300 Nml/min and 4000Nml/min. The NG EOLO is available with a smart low noise scroll compressor or can be used with an external compressed air source.

The Ultra Pure Nitrogen is mainly used to feed ICP, ELSD, GC, FTIR and is ideal as nitrogen gas supply for all kind of Laboratory and Chromatography applications.

Main applications

- ICP / ELSD
- GC / FTIR
- Incubators

Main advantages

- ✓ Easy use and installation
- ✓ Purities up to 99.999 %
- ✓ Pressure up to 5 bar
- ✓ Flow rate up to 4 L/min
- ✓ No maintenance
- ✓ Reduced foot print
- ✓ CH4 oven scrubber option
- ✓ Stackable with HG and ZA



Specifications



Models: NG EOLO	500 (F)	750 (F)	1300 (F)	4000 (F)
N2 outlet				
Flow rate (Max)	500 ml/min	750 ml/min	1300 ml/min	4000 ml/min
Outlet pressure (Max)	Air Inlet pressure – 2 bar			
Nitrogen purity	> 99.999%	> 99,999%	> 99,9%	> 98,0%
Outlet Dew-point	<-60°C (-76°F)			
Outlet particulate	0.01 micron			
Hydrocarbon	<0.1 ppm (with scrubber option)			
Air inlet				
Air inlet requirement	Particulate: <1 micron			
	Dewpoint: < -20°C (-4°F)			
	Oil: <0.01 mg/m ³			
Flow rate (max)	8 l/min	10 l/min	20 l/min	40 l/min
Supply pressure (min - max)	7 bars (95 psi) - 10 bars (145 psi)			
Recommended temperature	< 30°C (86°F)			
Communication				
	RS485	Standard		
	RS232	Standard		
General data				
Supply rating	100-240Vac 50/60Hz			
Connection type	IEC320-C13			
Installation power (max)	240W (280VA)			
Fuse rating (5x20mm)	4A			
Net weight	<20 kg			
Dimensions (W x D x H)	270 x 480 x 280 mm			
Connections				
	Outlet port	1/8" female BSPP		
	Inlet port	1/8" female BSPP		
Operating/storage conditions				
Working Temperature	5-40°C (41-104°F)			
Storage Temperature	1-50°C (34-122°F)			
Humidity (max, non condensing)	70%			
Noise	< 25dB(A)			
IP rating	IP20			
Pollution degree rating	2 (with no aromatic compounds)			
Altitude	< 2000m			

Ordering codes

Gas Generators

6912.00.050	EOLO 500
6912.00.075	EOLO 750
6912.00.130	EOLO 1300
6912.00.400	EOLO 4000

Options

6912.01.000	CH4 scrubber for EOLO
-------------	-----------------------

Consumable

6930.00.160	Inlet filter for NG EOLO
-------------	--------------------------



LNI GGI srl
www.lni-swissgas.eu

Registered office: Via Sassoferato 1, 20135 Milano MI
Logistics centre: Via E. Mattei 9, 35038 Torreglia PD