



INSTRUMENTS
ANALYTICAL SOLUTIONS



NG EOLO

Ultra High purity
Nitrogen generator

NitroGEN

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 0.1 ppm (if the optional scrubber is installed).

The typical flows are: 500 Nm l/min, 750 Nm l/min, 1300 Nm l/min and 4000 Nm l/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

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

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	100-240 VAC 50/60 Hz			
Connection type	IEC320-C13			
Installation power (Max)	240 W (280 VA)			
Fuse rating (5 x 20 mm)	4 A			
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	<25 dB(A)			
IP rating	IP20			
Pollution degree rating	2 (with no aromatic compounds)			
Altitude	<2000 m			

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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	CH ₄ scrubber for NG EOLO
Consumable	
6930.00.160	Inlet filter for NG EOLO

Ordering
codes

