NitroGen

NG EOLO

Ultra High purity Nitrogen generator

Main applications

- ICP / ELSD
- GC / FTIR
- Incubators

Main advantages

- ✔ Easy use and installation
- ✔ Purities up to 99.9999 %
- ✔ Outlet pressure: Inlet pressure -2 bar (29 psi)
- ✔ Flow rate up to 4 L/min
- ✔ No maintenance
- ✔ Reduced foot print
- ✔ Stackable with HG and ZA

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, once connected to an external source of compressed air, removes oxygen from air to less than 1 ppm.
The typical flows are: 250, 500, 750, 1000, 1300 and 4000 cc/min.
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.



Evolution
in Gas Generators

Specifications

Models: NG EOLO	250	500	750	1000	1300	4000
N2 outlet						
Flow rate (Max)	250 cc/min	500 cc/min	750 cc/min	1000 cc/min	1300 cc/min	4000 cc/min
Outlet pressure (Max)	Air Inlet pressure – 2 bar (29 psi)					
Nitrogen purity [(1)]	> 99.9999%		> 99.9999%	> 99.999%	> 99.995% > 99.9995% @ 1000 cc/min	> 99.0%
Outlet Dew-point [(2)]	<-60°C (-76°F)					
Outlet particulate	0.01 micron					
Air inlet						
Air inlet requirement	ISO 8573-1:2010 Class [1:3:1]					
Flow rate (Max)	6 L/min	8 L/min	10 L/min	14 L/min	20 L/min	25 L/min
Supply pressure (min-Max)	6.5 bar (95 psi) - 10 bar (145 psi)					
Recommended temperature	< 30°C (86°F)					
Communication						
RS485	Standard					
RS232	Standard					
General data						
Supply rating (min-Max)	100-240Vac (±10%) 50/60 Hz					
Connection type	IEC320-C14					
Nominal power (Max)	350 W					
Fuse rating (5x20mm)	4A (250 Vac – T)					
Net weight	< 25 kg					
Dimensions (W x D x H)	27 x 48 x 28 cm					
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% [5-40°C (41-104°F)]					
Noise	< 35 dB(A)					
IP rating	IP20					
Pollution degree rating	2 (with no aromatic compounds)					
Altitude	< 2000m					

(1) The purity refers to the residual oxygen
(2) Atmospheric Dew Point (ADP)

Ordering codes

Gas Generators

6912.00.025	NG EOLO 250
6912.00.050	NG EOLO 500
6912.00.075	NG EOLO 750
6912.00.100	NG EOLO 1000
6912.00.130	NG EOLO 1300
6912.00.400	NG EOLO 4000

Consumable

6930.00.160	Filter elements for (Z)NG EOLO / NG RACK 5U

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