

NitroGen

Distribuido en España por:



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



R Evolution
in Gas Generators

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

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