

NG SIRIO

Ultra High purity Nitrogen generator
with long life pistons compressor integrated

NG SIRIO produces 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 SIRIO removes oxygen from air to less than 5 ppm and HC pollutants to less than 0.1ppm (if the optional scrubber is installed).

NG SIRIO is available with a smart low noise built-in pistons compressor, 100% oil-free.

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 / TOC
- Sample Evaporation
- Incubators

Main advantages

- ✓ Easy use and installation
- ✓ Purities up to 99.9995 %
- ✓ Pressure up to 5.5 bar
- ✓ Flow rate up to 5 L/min
- ✓ Long life and 100% oil free built-in compressor
- ✓ Reduced foot print
- ✓ Stackable with HG and ZA



Specifications



Models: NG SIRIO	1500	3000	5000
N2 outlet			
Flow rate (Max)	1500 cc/min	3000 cc/min	5000 cc/min
Outlet pressure (Max)	5.5 bar (79.7 psi)		
Nitrogen purity	> 99.9995%	> 99.999%	> 99%
Outlet Dew-point	<-60°C (-76°F)		
Outlet particulate	0.01 micron		
Communication			
RS485	Standard		
RS232	Standard		
General data			
Supply rating	100-115 Vac 50/60Hz or 220-240Vac 50/60Hz		
Connection type	IEC320-C13		
Installation power (max)	1000W		
Fuse rating (5x20mm)	6.3A		
Net weight	<60 kg		
Dimensions (W x D x H)	430 x 580 x 630 mm		
Pneumatic connections			
Outlet port	1/8" female BSPP		
Operating/storage conditions			
Working Temperature	5-35°C (41-95°F)		
Storage Temperature	1-50°C (34-122°F)		
Humidity (max, non condensing)	70%		
Noise	< 58 dB(A)		
IP rating	IP20		
Pollution degree rating	2 (with no aromatic compounds)		
Altitude	< 2000m		

Ordering codes

Gas Generators

6913.00.150

NG SIRIO 1500

6913.00.300

NG SIRIO 3000

6913.00.500

NG SIRIO 5000

Options

6912.01.001

CH₄ scrubber for SIRIO

6912.01.010

CO₂ scrubber for SIRIO*¹

Consumable

6930.00.165

Filter elements for NG SIRIO

*1 – Only for NG SIRIO 1500, CO₂ < 1ppm



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