

NG5000

Nitrogen Generator

Part number: 10-2310 (230v) - UK | 10-2320 (230v) - EU | 10-2330 (110v) - US



Description

The NG5000 delivers ultra high purity nitrogen at trace detection limits through Pressure Swing Adsorption technology at flows of up to 5 L/min for GC, DSC and DMA applications as well as other laboratory applications requiring up to 5L/min of ultra high purity nitrogen. This generator requires a high quality source of in-house air to supply the unit. For labs without this air supply the NG5000(A) contains an internal compressor.

To reach their ultra high purity nitrogen output these generators use Pressure Swing Adsorption and Carbon Molecular Sieve. These separation technologies remove oxygen and other impurities in air, delivering hassle-free, ultra high purity nitrogen, on-demand for the lab.



Application Types

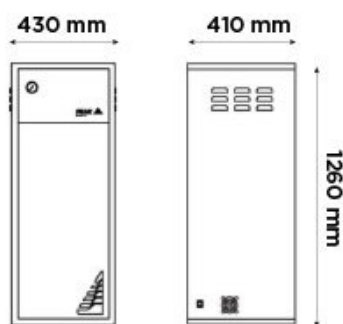
GC, ICP, DSC, DMA

Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** No

Key Features

- Suitable for applications such as GC, DSC, DMA
- Suitable for applications requiring ultra high purity
- Available with or without an external compressor
- Contains self-regenerating Carbon Molecular Sieve column
- Gas is supplied on demand so generator works to your schedule
- 12 month comprehensive on-site warranty



Technical Specifications

NG5000 ultra high purity nitrogen generators	
Gas Type	Nitrogen
Max Gas Flow:	5L/min
Max Output Pressure:	80psi/5.5bar
Max Output Pressure:	80psi/5.5bar
Min Inlet Pressure:	120psi/8.3bar
Max Inlet Pressure:	130psi/9bar
Voltage:	110 / 230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	0.5 Amps / 1.2 Amps
Max Operating Temp:	25°C / 77°F
Accreditations:	CE
Size (HxWxD) mm	1260 x 430 x 410 mm
Size (HxWxD) Inches	49.6 x 16.9 x 16.1 inches
Generator Weight	80kg / 176lbs

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