

NG5000A

Nitrogen Generator

Part number: 10-1292 (230v) - UK | 10-1295 (230v) - EU | 10-1291 (110v) - US



Description

The NG5000(A) (CMS) Carbon Molecular Sieve Generator 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, DMA and other applications requiring ultra high purity nitrogen at up to 5L/min. The NG5000(A) comes with an internal compressor for laboratories without an external source of gas.

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.

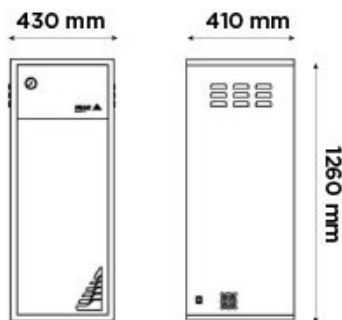


Application Types

GC, ICP, DSC, DMA

Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** Yes



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

NG5000A ultra high purity nitrogen generator

Gas Type	Nitrogen
Max Gas Flow:	5L/min
Max Output Pressure:	80psi/5.5bar
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Max Purity:	upto 99.9995%
Min Inlet Pressure:	120psi/8.3bar
Max Inlet Pressure:	130psi/9bar
Start Up Time:	8 hours
Power Consumption:	132 Watts
Voltage:	110 / 230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	0.5 Amps / 1.2Amps
Max Operating Temp:	25°C / 77°F
Accreditations:	CE
Size (HxWxD) mm	1235 x 449 x 406.5 mm
Size (HxWxD) Inches	48.6 x 17.7 x 16 inches
Generator Weight	88kg / 193.6lbs

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Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

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