

NG Range

Ultra High Purity Nitrogen Generator

Part Number : See back page

Service Kit : Contact us for details



Your local gas generation partner

Description

The NG range of ultra high purity nitrogen generators have been designed primarily for GC applications and other applications requiring the highest purity nitrogen. Delivering flow rates of up to 3 L/min or up to 5 L/min, these generators come in two variants, the standard model and the enhanced (A) models which feature an integrated compressor, removing the need for an external air supply to be present in the lab.

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.

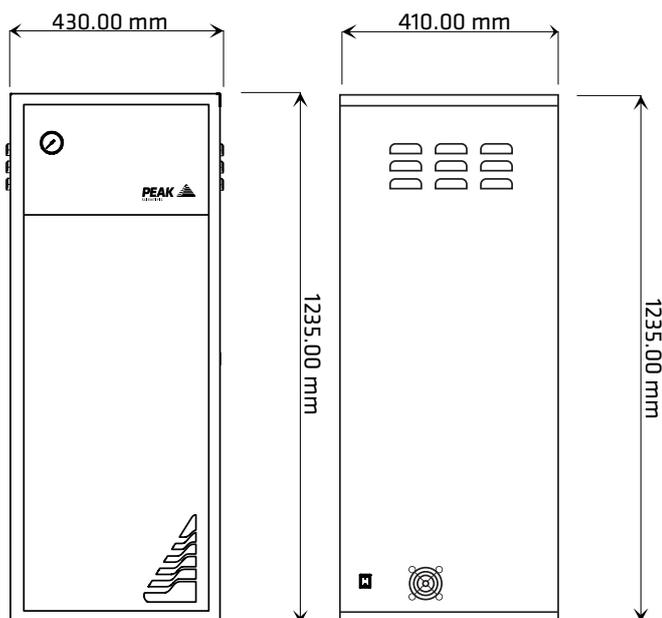
Applications

- GC
- ICP-OES
- TGA
- DSC
- TOD
- TMA
- DMA
- ICP-OES



Key Features

- Delivers UHP nitrogen at up to 3 L/min or up to 5 L/min depending on model
- Suitable for applications such as GC, DSC, DMA
- Available with or without an external compressor
- Contains self-regenerating Carbon Molecular Sieve purification
- The most convenient method of laboratory gas supply
- Gas is supplied on demand so generator works to your schedule
- Remove the hassle and safety concerns with ordering and replacing pressurized cylinder gas
- 12 month comprehensive on-site warranty



Ng Range Dimensions

Technical Specifications	NG 3000(A)	NG 5000(A)
Max Flow Rate	Up to 3 L/min	Up to 5 L/min
Max Outlet Pressure	80 psi / 5.5 bar	
Max Relative Humidity	70% Non-Condensing	
Max Altitude	2000 Metres	
Nitrogen Purity	99.9995%	Up to 99.9995%*
Particles	<0.01µm	
Gas Outlets	1 x 1/4" BSPP	
Phthalates	None	
Suspended Liquids	None	
Operating Temperature	5°C - 25°C / 41°F - 75°F	
Electrical Requirements		
-units without air compressor	230v 50Hz 0.5A / 110v 60Hz 1.2A	
-units with air compressor	230v 50Hz 3.6A / 110v 60Hz 8.0A	
Power Consumption		
-units without air compressor	230v - 115 watts / 110v - 132 watts	
-units with air compressor	230v - 828 watts / 110v - 880 watts	
Generator Dimensions (HxWxD)	1235 x 430 x 410 mm / 48.6 x 16.9 x 16.1 in	
Generator Weight		
-units without air compressor	77 Kg (170 lbs)	80 Kg (176 lbs)
-units with air compressor	88 Kg (194 lbs)	88 Kg (194 lbs)

*At 5 L/min the NG5000A will produce gas at a purity of 99.998%.

Ordering Information	NG 3000	NG 5000	NG 3000A	NG 5000A
Part Number UK	10-2210	10-2310	10-1210	10-1292
Part Number EU	10-2211	10-2320	10-1220	10-1295
Part Number US	10-2230	10-2330	10-1230	10-1291
Annual Service Kit	Visit: www.peakscientific.com/ordering			
Fixed Price Preventative Maintenance				
Complete/Premium Maintenance Plan				

[PEAK Protected]TM

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by 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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Peak Scientific's Quality Management System conforms to: ISO:9001:2008



Product Certifications

