

# Precision Nitrogen Headspace Nitrogen Generator

Part Number : 65-3000

Service Kit : See reverse



Your local **gas generation** partner

## Description

The Precision Nitrogen Standard Headspace 250 further compliments our Precision range of products for GC. Specially designed based on pressure swing technology, the Precision Nitrogen Headspace offers 250cc/min of UHP Nitrogen at a pressure of up to 100psi to supply the purest gas to your Headspace Autosampler.

The ground-breaking stackable design as part of the Precision Series also means that this generator is a true space saver.

As with all Precision Series generators, Nitrogen models benefit from a compact and modular, stackable design, minimizing the total footprint required for GC gas supply, and providing flexibility to add or remove modules as your laboratory requirements evolve over time.

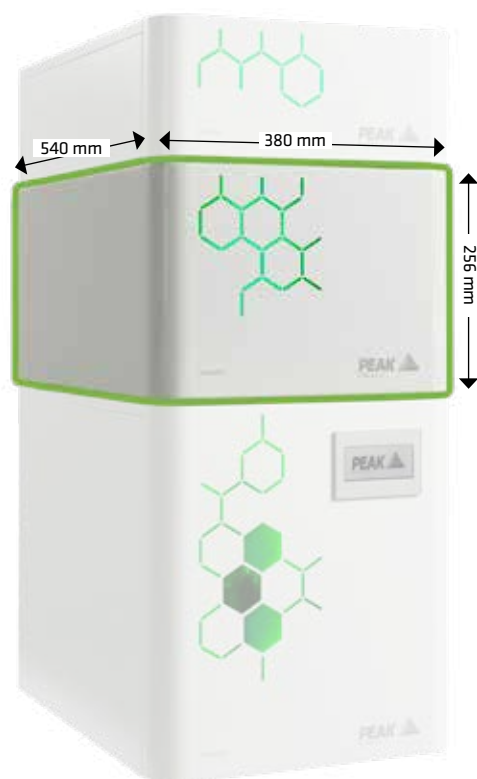


## Applications

- Headspace Autosamplers
- Ultra High Purity nitrogen make up gas

## Key Features

- Suitable as make up gas for any GC as well as Headspace Autosamplers
- Nitrogen generated on demand
- Constant and consistent supply, avoid running out of gas during analysis
- Increased output pressure to meet the requirements of Headspace Autosamplers
- Avoid contaminants entering system as result of changing over empty cylinders
- Dedicated Precision compressor module optional where house supply not suitable or not available
- Integrates seamlessly with other Precision units
- Minimum maintenance with an annual filter change
- Compact, space-saving modular design



Precision Nitrogen Headspace in a typical Precision stack.



## Technical Specifications

Technical Specifications	Precision Headspace
Max Flow Rate	250cc/min
Max Pressure	100 psi / 6.9 bar
Purity	> 99.9995%
Gas Outlets	1 x 1/4 " BSPP
Min/Max Air Inlet Pressure	120 psi / 8.3 bar
Min Air Inlet Flow	25 lpm
Min Inlet Air Quality	ISO8573 - 1:2010 Class 1.4.1
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 30°C / 41°F - 86 °F
Electrical Requirements	110-230 VAC / 50/60 Hz / 0.03A
Power Consumption	6.9 Watts
Heat Output	25 BTU/Hr
Generator Dimensions (WxDxH)	38.0 x 54 x 25.6 cm / 14.9 x 21.2 x 10"
Generator Weight	22.5 kg / 49.6 lbs

## Ordering Information

Part Number	65-3000
Annual Service	Visit: <a href="http://www.peakscientific.com/ordering">www.peakscientific.com/ordering</a>
Fixed Price Preventative Maintenance	
Complete/Premium Maintenance Plan	

Precision Air Compressor	110v	230v
Part Number	65-1555	65-0555

## [PEAK Protected]™

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.

Peak Scientific UK  
 Tel: +44 (0)141 812 8100  
 Fax: +44 (0)141 812 8200

Peak Scientific North America  
 Tel: +1 866 647 1649  
 Fax: +1 978 608 9503

For a full list of our worldwide office locations, please visit:

Web: [www.peakscientific.com](http://www.peakscientific.com)  
 Email: [marketing@peakscientific.com](mailto:marketing@peakscientific.com)

Peak Scientific's Quality Management System conforms to: ISO:9001:2008



## Product Certifications

