

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.

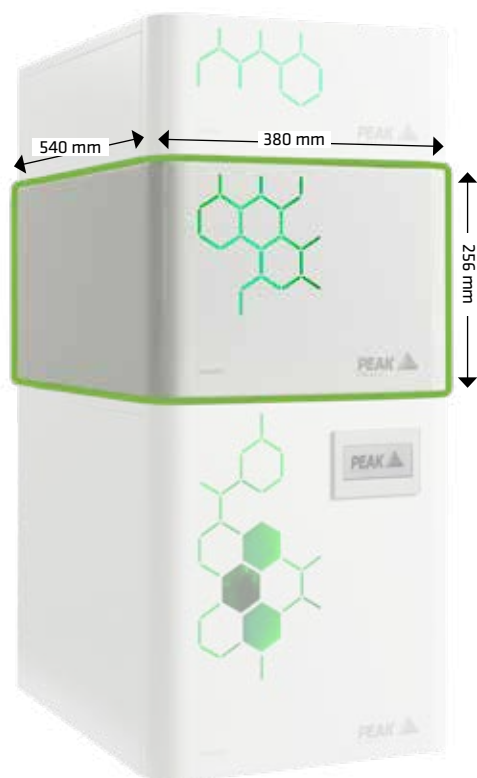
The ground-breaking stackable design as part of the Precision Series also means that this generator is a true space saver.

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



Precision Nitrogen Headspace in a typical Precision stack.

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



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: www.peakscientific.com/ordering
Fixed Price Preventative Maintenance	
Complete/Premium Maintenance Plan	

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

[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 you're 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's Quality Management System conforms to: ISO:9001:2008



Product Certifications





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.