

Nitrogen Generator **Genius 1052**

# We have nothing to declare but our **Genius.**

Our new **Genius range** of Gas Generators is smoother, quieter, safer and more efficient than anything on the market. The **Genius range** offers superb technical performance in the lab and comes with our 'world class' after sales service as standard.

**PEAK SCIENTIFIC. GO WITH THE FLOW.**



# Nitrogen Generator **Genius 1052**

## Features & Benefits:

Independent – No external compressor required

Intelligent – High duty and service indication

Quiet – Insulated compressor compartment for minimum disruption

Mobile – Flexibility to position generator where required, even under standard lab bench, the generator is supplied with caster wheels for easy mobility

Simple Installation – Generator designed as plug & play system

Economical – More cost effective than any other gas supply method

Convenient – Gas on demand, no health hazards, no need to worry about running out of gas

The Genius 1052 Nitrogen Generator is Peak Scientific's proven solution for customers requiring nitrogen for their Leco modulators. The Genius 1052 utilises CMS technology to ensure the best purity & cleanest gas supply possible. Extensive testing of the generator by mass spec manufacturers throughout the development process guarantees the best nitrogen solution for your application.

## Technical Specifications

Heating Gas	20 L/min @ 2.06 bar / 0.706 CFM @ 30 psi
Cooling Gas	12 L/min @ 1.38 bar / 0.424 CFM @ 20 psi
Min/ Max Operating Temperature	5°C - 35°C / 41°F - 95°F
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	2x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Noise Level	54 dB(A) @ 1m
Electrical Requirements	230v 50/60Hz 7.0A
Power Consumption	1610 watts
Dimensions (cm/ ins) WxDxH	60 x 75 x 71.2 / 23.6 x 29.5 x 28
Weight (kg/ lbs)	95 / 209

## Product Accreditations:



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## Ordering Information

**Part Number: Genius 1052 UK/US/EU 10-9556**

Annual Service Kit Genius 1052 08-4780  
Standard Maintenance Plan 09-3110  
Complete Maintenance Plan 09-3010

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



FM 515973



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**Use the above details to contact us if this literature doesn't answer all your questions.**

**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.

