

Nitrogen Generator **Genius 1053**

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 1053**

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 1053** Nitrogen Generator is Peak Scientific's proven solution for customers requiring nitrogen for their LCMS application. The **Genius 1053** 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 LCMS.

Technical Specifications

Nitrogen	16 L/min @ 6.9 bar / 0.56 CFM @ 100 psi
Min/ Max Operating Temperature	5°C - 35°C / 41°F - 95°F
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Purity	99.5%
Particles	< 0.01µm
Gas Outlets	1x 1/4" BSP Female
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

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



FM 515973

Product Accreditations:



Ordering Information

Part Number: Genius 1053 **10-9561**

Annual Service Kit Genius 1053 08-4344

Standard Maintenance Plan 09-3110

Complete Maintenance Plan 09-3010

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