

Nitrogen Generator **Genius 3023**

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 3023**

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

Switchable – Gas purity switchable between standard LCMS grade and 10% Oxygen rich specific for Agilent Chip Cube applications.

Specifically designed for use with LCMS instruments incorporating the Agilent Chip Cube system. The Genius 3023 Nitrogen Generator is Peak Scientific's proven solution for customers requiring a source of nitrogen which is switchable between standard LCMS grade Nitrogen and the 10% Oxygen rich Nitrogen required for Chip Cube. The Genius 3023 combines two individual systems with separate Nitrogen outputs into a single compact unit, thus allowing two separate Mass Spectrometers to be supplied by the same Generator with independent control.

Technical Specifications

Nitrogen	2 x 32 L/min @ 6.9 bar / 1.13 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
Particles	< 0.01µm
Gas Outlets	2x 1/4" BSP Female
Phthalates	None
Suspended Liquids	None
Noise Level	54 dB(A) @ 1m
Electrical Requirements	230v 50/60Hz 12A
Power Consumption	2760 watts
Dimensions (cm/ ins) WxDxH	60 x 85 x 130.3 / 23.6 x 33.4 x 51.3
Weight (kg/ lbs)	189 / 417

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



FM 515973

Product Accreditations:



Ordering Information

Peak Part No.

10-6324 Genius 3023 - 230V

Annual Service Kit Genius 3023

08-4782

Standard Maintenance Plan

09-3110

Complete Maintenance Plan

09-3010

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Supplier of Peak Scientific Products.