

Nitrogen Generator **Genius 1022**

# 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 1022**

## Features & Benefits:

Independent – No external compressor required

Intelligent – High duty & service indication

Quiet – Insulated compressor compartment for minimum disruption

Mobile – 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 and no need to worry about running out of gas

Specifically designed for operation with Thermo Scientific and Shimadzu LC/MS instruments, the Genius 1022 Nitrogen generator is Peak Scientific's proven solution for LC/MS applications that require a high Nitrogen supply pressure up to 116 psi.

Extensive testing of the generator by Mass Spec manufacturers throughout the development process guarantees the best Nitrogen solution for your LC/MS.

## Technical Specifications

Nitrogen	32 L/min @ 8 bar / 1.13 CFM @ 116 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	1x 1/4" BSP
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 1022**

**10-6022**

Annual Service Kit Genius 1022

08-4780

Standard Maintenance Plan

09-3110

Complete Maintenance Plan

09-3010

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