

Genius 3020

Nitrogen Generator for LC-MS

Part Number : 10-6320

Service Kit : 08-4782



Your local **gas generation** partner

Description

Combining the capacity of two separate Genius nitrogen generator systems into one fully integrated system in the same compact footprint, the Genius 3020 is a convenient and safe on-demand gas solution. With dual output providing independently controlled gas sources, two LC-MS instruments can be supplied from one Genius 3020 with ease.

For laboratories; without an external air supply and with gas requirements above those of Genius 10 series generators, the Genius 30 series deliver nitrogen at increased flow rates catering for these specifications.

Peak Scientific's Genius series of generators, designed mainly for LC-MS applications, are self-contained systems featuring integrated compressors, delivering laboratory-grade nitrogen at various pressures and flow rates required by numerous instruments.

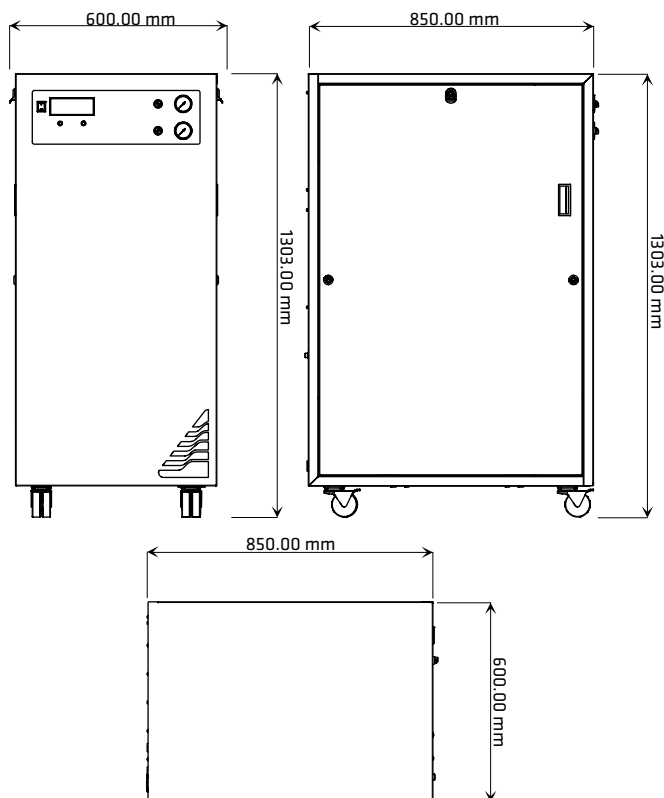
Applications

- Nitrogen supply for up to two LC-MS instruments



Key Features

- Combines two genius units into one with the same quality output
- Each gas supply is controlled manually and is independent of the other
- Higher flow rate 30 series generator designed for hungrier LC-MS applications
- Compressor based solution, no need for an external air supply
- Minimal set-up required
- Highly economical source of nitrogen gas with low lifetime running costs
- The latest generation of compressors located in an insulated chamber reducing noise and vibration
- Service indication to allow planning of preventative maintenance
- Gas is supplied on demand so generator works to your schedule
- Wheels make it easy to manoeuvre generator around the lab



Genius 3020 Dimensions

Technical Specifications

	Genius 3020
Max Flow Rate	2 x 32 L/min / 1.13 CFM
Max Pressure	100 psi / 6.9 bar
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	2x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95°F
Electrical Requirements	230v 50/60Hz 12A
Power Consumption	2990 watts
Generator Dimensions (HxWxD)	1303 x 600 x 850 mm/ 51.3 x 23.6 x 33.4 in
Generator Weight	189 Kg (417lbs)

Ordering Information

Part Number	10-6320
Annual Service	08-4782
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3010
Step-Up Transformer For Use With 110V Electrical Supply	06-3210

[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 your 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.

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



Product Certifications

