

Genius 1050

Nitrogen Generator

Part number: 10-9554



Description

Utilizing a Carbon Molecular Sieve with our Pressure Swing Adsorption technology, the Genius 1050 PSA nitrogen generator provides on-site nitrogen for most LC-MS instruments. The Genius 1050 is well suited for a range of particularly demanding applications where specific performance benchmarks need to be met.



Application Types

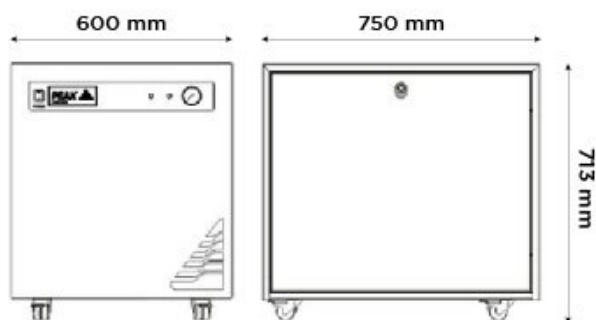
LC-MS/MS

Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** Yes

Key Features

- Innovative CMS and PSA technology ensures high performance
- 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
- 12 month comprehensive on-site warranty



Technical Specifications

Genius 1050 PSA Nitrogen Generator

Gas Type	Nitrogen
Max Gas Flow:	32L/min
Max Output Pressure:	100psi/6.9bar
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Gas Outlets Fitting:	1/4" BSPP
Dew Point:	50°C / 122°F
Start Up Time:	30 mins
Power Consumption:	1610 VA
Voltage:	230 ± 10% V
Frequency:	50 / 60 Hz
Current:	7 A
Heat output:	5490 BTU
Max Operating Temp:	35°C / 95°F
Particles:	<0.01µm
Accreditations:	CE, CSA
Size (HxWxD) mm	713 x 600 x 750 mm
Size (HxWxD) Inches	28.1 x 23.6 x 29.5 inches
Generator Weight	116kg / 255.2lbs

[PEAK Protected]TM

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with 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.

- For ordering parts visit: www.peakscientific.com/ordering/
- For service plans visit: www.peakscientific.com/service/service-plans/

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