

Genius 1050

Nitrogen Generator for LC-MS

Part Number : 10-9554

Service Kit : 08-4344



Your local **gas generation** partner

Description

Producing a consistent and dependable source of laboratory-grade nitrogen for LC-MS, the Genius 1050 is a high performance generator flexible enough to meet the specifications of a wide variety of LC-MS instruments.

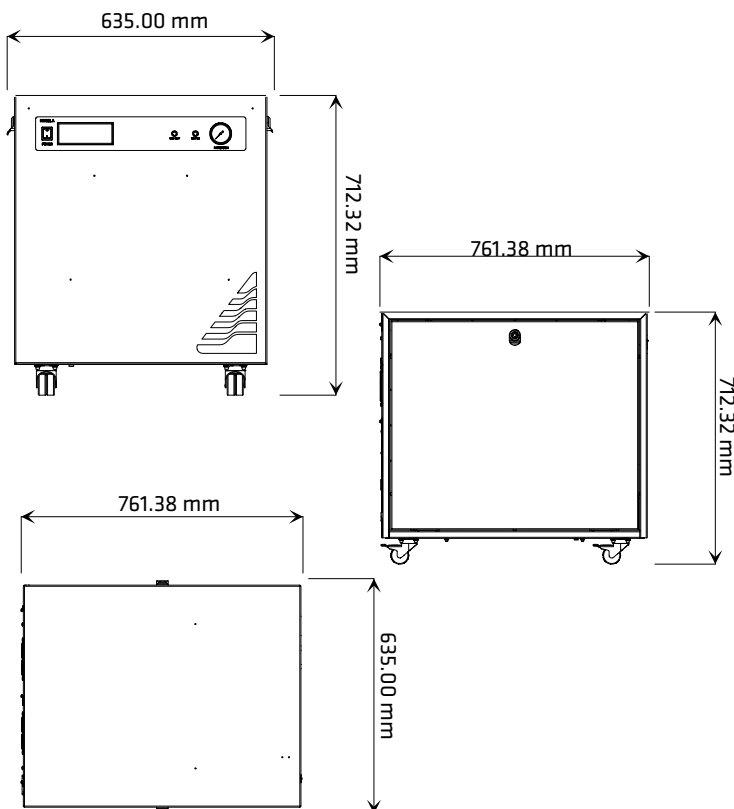
Genius 10 series generators utilize Pressure Swing Adsorption in conjunction with Carbon Molecular Sieve technology, selectively removing oxygen, moisture and other gases to leave clean, dry, phthalate free nitrogen. These robust systems are able to handle far more challenging laboratory conditions without compromising on performance.

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 suitable for most LC-MS instruments



Genius 1050 Dimensions

Key Features

- Innovative CMS and PSA technologies ensure high performance
- Highly economical source of nitrogen gas with low lifetime running costs
- Service indication to allow planning of preventative maintenance
- Minimal set-up required
- Gas is supplied on demand so generator works to your schedule
- Latest generation compressors are housed in an insulated compartment to reduce noise and vibration
- Compressor based solution, no need for an external air supply
- Wheels make it easy to manoeuvre generator around the lab

Technical Specifications

	Genius 1050
Max Flow Rate	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	1x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95°F
Electrical Requirements	230v 50/60Hz 7.0A
Power Consumption	1610 Watts
Generator Dimensions (HxWxD)	713 x 600 x 750 mm / 28.1 x 23.6 x 29.5 in
Generator Weight	115.5 Kg (246 lbs)

Ordering Information

Part Number	10-9554
Annual Service	08-4344
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3010
Step-Up Transformer For Use With 208V Electrical Supply	06-3200

[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.

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



FM 515973



Product Certifications





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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

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