

Genius 1051

Nitrogen Generator

Part number: 10-9558



Description

The Genius 1051 PSA Carbon Molecular Sieve nitrogen (CMS) generator has been developed to provide nitrogen gas and dry air to the Shimadzu LC-MS-8045, 8050 or 8060 to labs with electrical supply of up to 230V. We've built the Genius 1051 with two internal air compressors as standard, this removes the reliance upon an in-house air supply. The configuration allows users to change the flow ratio of nitrogen and dry air, such that the total flow is 25L/min, split between nitrogen and dry air.



Application Types

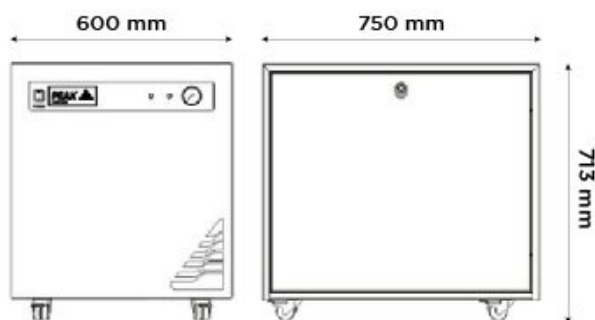
8045, 8050 and 8060 LC-MS/MS in Default Gas Mode

Generator Details

- **Gas types:** Nitrogen, Air
- **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 1051 PSA Nitrogen Generator

Gas Type	Nitrogen
Max Gas Flow:	25L/min
Max Output Pressure:	110psi/7.6bar
Gas Type	Air
Max Gas Flow:	25L/min
Max Output Pressure:	100psi/6.9bar
Max Output Pressure:	110psi/7.6bar
Start Up Time:	30 mins
Voltage:	230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	7 Amps
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	118kg / 259.6lbs

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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.

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