

Genius 1053

Nitrogen Generator

Part number: 10-9561



Description

Producing up to 20 L/min of high purity nitrogen (up to 99.998%), the Genius 1053 PSA nitrogen generator is suitable for a range of Spectroscopy applications, such as Circular Dichroism. Developed using PSA (Pressure Swing Adsorption) technology, this generator produces variable purities depending on outlet flow.

Reducing the need for gas cylinders and with no requirement for an external source of house air or compressor, Genius series gas generators provide your laboratory with a standalone, uninterrupted supply of laboratory grade nitrogen.

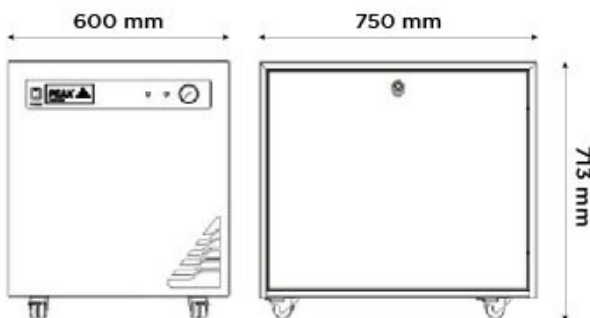


Application Types

Spectroscopy, i.e. CD Analyzers

Generator Details

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



Key Features

- Innovative CMS and PSA technology ensuring high purity nitrogen
- 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 1053 PSA Nitrogen Generator

Gas Type	Nitrogen
Max Gas Flow:	20L/min
Max Output Pressure:	100psi/6.9bar
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Max Purity:	up to 99.998%
Start Up Time:	30 mins
Power Consumption:	1610 VA
Voltage:	230 ± 10% V
Frequency:	50 / 60 Hz
Current:	7 A
Heat output:	5490
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	120kg / 264lbs

[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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