

Genius 1061

Nitrogen Generator

Part number: 10-1320



Description

The Genius 1061 is a dual gas generator providing both nitrogen and dry air designed to meet the specifications of the Shimadzu LC-MS 8050 for labs with an electrical supply up to 100V. This system contains two compressors allowing nitrogen and dry air flows to function independently of one another. The generator is configured to change the flow ratio of nitrogen and dry air, so long as the combined sum results in a total of 25L/min. The gas flow ratio is automatically controlled by the instrument's demand.

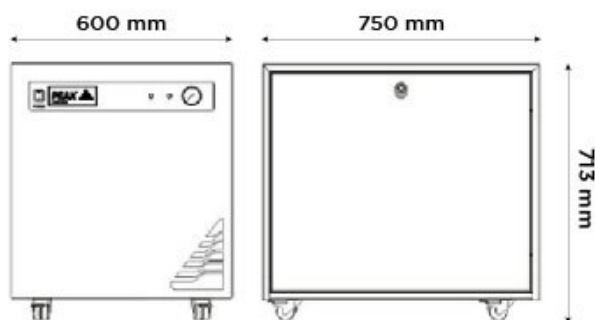


Application Types

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

Generator Details

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



Key Features

- Operates in labs with electrical supplies of 100V and below
- 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 1061 - Nitrogen & dry air gas generator

Gas Type	Nitrogen
Max Gas Flow:	25L/min
Max Output Pressure:	96psi/6.6bar
Gas Type	Air
Max Gas Flow:	25L/min
Max Output Pressure:	100psi/6.9bar
Max Output Pressure:	96psi/6.6bar
Gas Outlets Fitting:	2x 1/4" BSPP
Start Up Time:	30 mins
Power Consumption:	1150 VA
Voltage:	100 ± 10% V
Frequency:	50 / 60 Hz
Current:	12 A
Heat output:	< 3922 BTU
Max Operating Temp:	35°C / 95°F
Particles:	<0.1µm
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	119kg / 261.8lbs

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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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