

Genius 3022

Nitrogen Generator

Part number: 10-6322



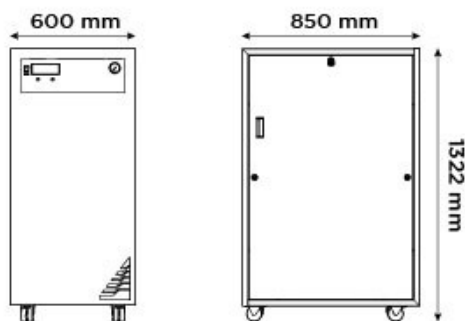
Description

Designed, engineered and built in conjunction with Thermo Scientific for the Q Exactive, the Genius 3022 has increased pressure capabilities compared to its parent generator, the Genius 3020. With two separate nitrogen outputs, this generator can supply two Q Exactive mass spectrometers.



Application Types

2x Q Exactive LC-MS/MS



Generator Details

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

Key Features

- Combines two Genius units into one with the same quality output
- Each gas supply is controlled manually and is independent of the other
- Higher flow 30 series generator designed for hungrier LC-MS applications
- 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 3022 Nitrogen Generator	
Gas Type	Nitrogen
Max Gas Flow:	32L/min
Max Output Pressure:	116psi/8bar
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Max Gas Flow:	32L/min
Max Output Pressure:	116psi/8bar
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Gas Outlets Fitting:	2x 1/4" BSPP
Start Up Time:	30 mins
Power Consumption:	2760 VA
Voltage:	230 ± 10% V
Frequency:	50 / 60 Hz
Current:	12 A
Heat output:	9412
Max Operating Temp:	35°C / 95°F
Particles:	<0.01 µm
Accreditations:	CE, CSA
Size (HxWxD) mm	1322 x 600 x 850 mm
Size (HxWxD) Inches	52 x 23.6 x 33.5 inches
Generator Weight	189kg / 415.8lbs

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Peak Scientific UK
Tel: +44 (0)141 812 8100
Fax: +44 (0)141 812 8200

Peak Scientific North America
Tel: +1-800-767-6532
Fax: +1-978-608-9503

Peak Scientific China
Tel: +86 21 5079 1190
Fax: +86 21 5079 1191
For a full list of our worldwide office locations, please visit:
Web: www.peakscientific.com
Email: discover@peakscientific.com

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