

Genius XE 70 Laboratory gas generator

Application: LC-MS/MS

Part number: 3300253

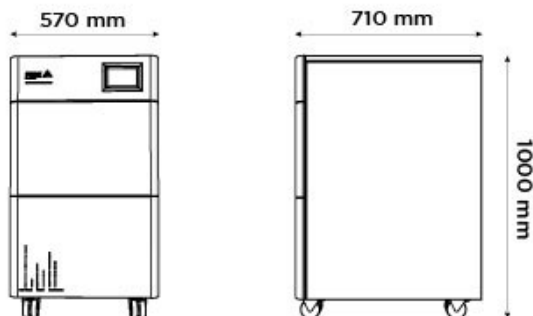


Description

Inspired by the success of our best-selling Genius line of nitrogen gas generators for LC-MS/MS, Genius XE Nitrogen is a cutting-edge evolution combining advanced technology with refined and robust engineering. With two models - XE 35 (up to 35 L/min) and XE 70 (up to 70 L/min) - Genius XE Nitrogen provides a premium, standalone nitrogen solution for high performance LC-MS/MS and other mission-critical laboratory applications where performance and reliability are paramount.

Featuring Multi-Stage Purification™ and next-generation integrated compressors with Electronic Compressor Optimization™ (ECO) technology, Genius XE delivers factory certifiable purity up to 99.5% on-demand, 24/7 with a convenient fixed annual service interval.

- **Gas types** Nitrogen
- **Integrated compressor:** Yes
- **Application Types:** LC-MS/MS



Key Features

- Variable flow up to 70 L/min & pressure up to 116 psi
- Multi-Stage Purification™ producing analytical grade nitrogen gas up to 99.5% purity
- 2 year comprehensive manufacturer's warranty*
- Touch-screen full colour user interface for ease of operation
- ECO (Electronic Compressor Optimisation™) technology for low energy consumption and compressor durability
- Next-generation high performance premium compressors, engineered exclusively for Genius XE
- Smaller & quieter than previous generation of Genius
- On-board service scheduling and system diagnostics
- Additional compressor capacity for lower flow applications

*2nd year of 2 year warranty subject to completion of preventative maintenance, carried out

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Казахстан (772)734-952-31

<https://peak.nt-rt.ru/> || pki@nt-rt.ru

Technical Specifications	Genius XE 70 Laboratory gas generator
Gas Type	Nitrogen
Max Gas Flow:	70L/min
Max Output Pressure:	116psi/8bar
Hydrocarbon Content:	<0.1ppm
Max Output Pressure:	116psi/8bar
Max Purity:	99.5% **
Gas Outlets Fitting:	1 x 1/4" BSPP
Start Up Time:	30 mins
Power Consumption:	2530 VA
Voltage:	230 VAC
Frequency:	50/60 Hz
Current:	12A
Heat output:	8785
Max Operating Temp:	35°C / 95°F
Particles:	<0.01µm
Phthalates:	Phthalate & BHT Free
Noise Level:	59.3 dBA ***
Accreditations:	CE, CSA, FCC, KC
Size (HxWxD) mm	1000 x 570 x 710 mm
Size (HxWxD) Inches	39.4 x 22.4 x 28 inches
Generator Weight	147kg / 323.4lbs

*
www.peakscientific.com/warranty-statement. ** Factory certified purity with respect to O2 content. Actual purity varies in relation to flow (min. 95% at maximum flow output) *** Noise level expressed as SPL (Sound Pressure Level) measured at 1m from source in a reverberant chamber

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