

Genius XE SCI 2

Application: SCIEX Triple Quad™ 7500 LC-MS/MS System– QTRAP® Ready Echo® MS System

Part number: 3303145



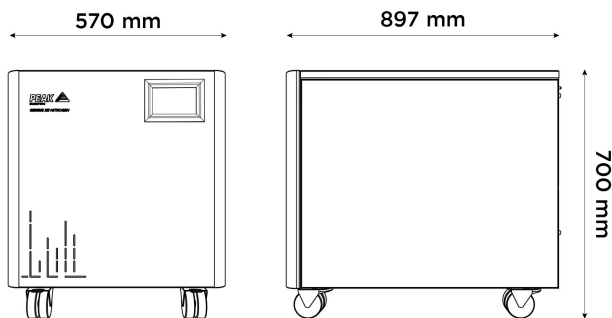
Description

Developed in collaboration with SCIEX for the next generation of SCIEX mass spectrometry systems, the Genius XE SCI 2 gas generator is a cutting-edge evolution in laboratory gas generation combining advanced technology with refined and robust engineering. A premium standalone nitrogen and air solution for the new SCIEX Triple Quad™ 7500 LC-MS/MS System– QTRAP® Ready. Genius XE SCI 2 also supports the higher gas flow requirements of the recently released Echo® MS System*.

Featuring **Multi-Stage Purification™** and next-generation integrated compressors with **Electronic Compressor Optimization™** (ECO) technology, Genius XE SCI 2 delivers a reliable and cost-efficient source of both nitrogen (Curtain Gas™) and clean, dry oil-free air for source and exhaust gas at flows and pressures configured to meet the SCIEX 7500 System and Echo® MS System requirements. With a once annual service schedule and a compact footprint, to fit under most lab benches, Genius XE SCI 2 is a convenient solution for SCIEX users, maximizing uptime and productivity.

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- **Gas types** Nitrogen, Air
- **Integrated compressor:** Yes
- **Application Types:** SCIEX Triple Quad™ 7500 LC-MS/MS System– QTRAP® Ready Echo® MS System



Key Features

- Designed specifically to meet exact demands of SCIEX MS when and if required, no manual input needed
- 24/7 performance - next generation high performance premium compressors, ensuring maximum uptime of your LC-MS instrument
- **ECO (Electronic Compressor Optimisation™)** technology for increased compressor durability and reduced carbon footprint
- Repeatability - **Multi-Stage Purification™** to reduce moisture and contaminants providing consistent quality of gas
- Low impact on laboratory with low noise and heat emissions
- Significantly reduced footprint, to fit under most standard lab benches
- No external compressed air source required
- Fixed Annual Service Interval - service downtime limited to once a year

Technical Specifications

	Genius XE SCI 2
Gas Type	Nitrogen
Max Gas Flow:	26*L/min
Max Output Pressure:	60psi/4.1bar
Gas Type	Air
Max Gas Flow:	32*L/min
Max Output Pressure:	105psi/7.2bar
Gas Type	Air
Max Gas Flow:	25*L/min
Max Output Pressure:	70psi/4.8bar
Max Output Pressure:	60psi/4.1bar
Gas Outlets Fitting:	3 x 1/4" BSPP
Power Consumption:	1,640 VA
Voltage:	240v ± 10%
Frequency:	50 / 60 Hz
Current:	9 A
Heat output:	5545 BTU/hr
Max Operating Temp:	30°C / 86°F
Particles:	0.01µm
Noise Level:	<58 dBA
Size (HxWxD) mm	700 x 570 x 897 mm
Size (HxWxD) Inches	27.6 x 22.4 x 35.3 inches
Generator Weight	130kg / 286lbs

*NOTE – These performance characteristics are valid only when paired with an approved Sciex application. Please refer to current application matrix for a list of supported products.

[PEAK Protected]™

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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