

# Genius XE SCI 2

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 latest SCIEX LC-MS systems. 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 latest SCIEX LC-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.

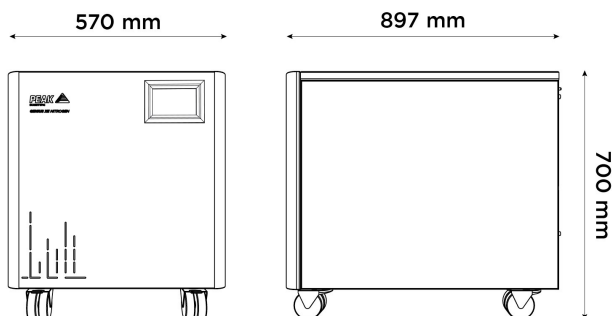
*\*Echo and Echo MS are trademarks or registered trademarks of Labcyte, Inc. in the United States and other countries, and are being used under license.*



## Application Types

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

SCIEX ZenoTof 7600 LC-MS/MS system\*



## Generator Details

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

## 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

# [**PEAK Protected**]<sup>TM</sup>

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/](http://www.peakscientific.com/ordering/)
- For service plans visit: [www.peakscientific.com/service/service-plans/](http://www.peakscientific.com/service/service-plans/)

**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](http://www.peakscientific.com)  
Email: [discover@peakscientific.com](mailto:discover@peakscientific.com)

Peak Scientific's Quality Management System conforms to: ISO:9001



## 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
Accreditations:	CE, FCC, CSA
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.

- For ordering parts visit: [www.peakscientific.com/ordering/](http://www.peakscientific.com/ordering/)
- For service plans visit: [www.peakscientific.com/service/service-plans/](http://www.peakscientific.com/service/service-plans/)

**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](http://www.peakscientific.com)  
Email: [discover@peakscientific.com](mailto:discover@peakscientific.com)

Peak Scientific's Quality Management System conforms to: ISO:9001

