

Genius SQ 24 - cost effective nitrogen generation for LC-MS

Genius SQ 24 is a standalone plug & play nitrogen gas solution for single quad mass-spectrometers requiring up to 24 L/min of analytical-grade nitrogen. Genius SQ 24 is a cost-efficient gas generator designed specifically for these less demanding LC-MS applications, offering a perfect balance of performance and value, with trusted Peak reliability and on-site service coming as standard.



Genius SQ 24

- ▶ Variable flow rate from 3-24 L/min
- ▶ Up to 116 psi (max. 22 L/min)
- ▶ Reduced height to fit easily under most standard lab benches
- ▶ Integrated internal compressors for easy plug and play
- ▶ 12 months comprehensive warranty

The best value nitrogen generator on the market

Genius SQ 24 has been designed with optimized performance in mind, providing you with a reliable and affordable technology solution to supply nitrogen to your single quad MS, without compromising on peace of mind.

Technical Specifications

Genius SQ 24

Type of Generator	Nitrogen
Min/Max Flow Rate	up to 24 L/min
Max Pressure	up to 116 psi / 7.9 bar
Gas Outlet	1 x 1/4" BSPP
Dimensions (HxWxD)	610 x 600 x 750 mm 24.1 x 23.7 x 29.6 "
Internal Compressor	Yes / 2
Power Requirements	100 V / 120 V / 230 V (3 variants available)
Service Interval	12 months
Compliance	CE, FCC, CSA, KC



24 hour response

Rapid response service engineer network, guaranteed on-site within 72 hours globally, 48 or 24 hours available in some regions.



Manufacturer approved parts

All components in Genius SQ 24 are precision engineered and tested to ensure optimal performance in your generator. We offer a fast response replacement parts service, shipping to you within 48 hours



Certified engineers

Over 100 dedicated, fully certified direct Peak Service Engineers globally, with expert knowledge in troubleshooting and fixing any generator problem.



95% first time fix

Having dedicated Peak engineers around the world means most issues are resolved on first visit – 95% of the time in fact. No other generator brand gives you this peace of mind.



Global 24hr technical support

With regional service centres around the world, and fast-response online support, you can be sure of quick resolution to any question or problem you may have with your Peak Scientific generator.



Installation & set up service

Genius SQ 24 is by design simple to set up and use. But we offer a full installation and training service for customers who wish it, with a dedicated Peak FSE visiting you to assist with getting up and running with no stress.

Contact us today to discover more!

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