

Genius 3031

Nitrogen/Dry Air Generator for
Sciex Mass Spectrometers



Your local **gas generation** partner

Description

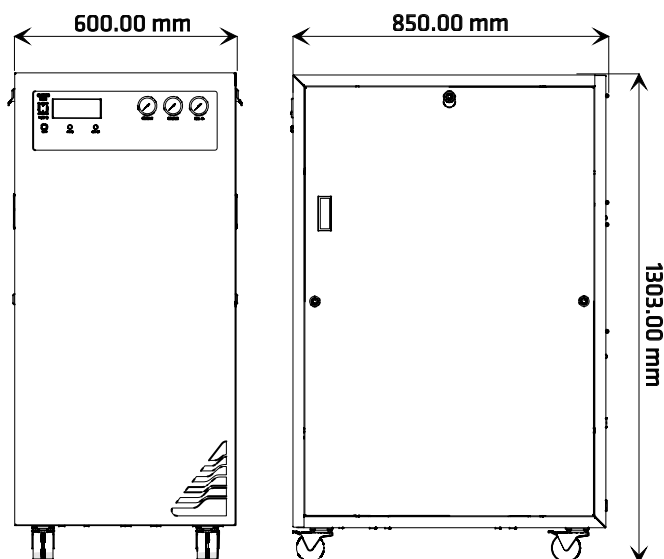
The Genius 3031 has been engineered specifically for Sciex. With an increased flow rate and three separate gas outputs, one of nitrogen and two of dry air, the Genius 3031 is the optimal solution for supplying curtain, source and exhaust gas for many Sciex LC-MS instruments including the 6500 Triple Quad, 6500 QTRAP and 6600 Triple TOF.

The Genius 30 series feature a total of four independent high-performance compressors enabling supply of higher flow analytical instrument grade nitrogen (and/or dry air) from three independent outlets.

Peak Scientific's Genius series of generators, designed mainly for LC-MS applications, are self-contained systems featuring integrated compressors, delivering laboratory-grade nitrogen at a range of pressures and flow rates to satisfy the requirements of a wide selection of instruments.

Applications

- Designated solution for Sciex LC-MS instruments with high flow requirements



Genius 3031 Dimensions

Key Features

- Self-contained gas solution for newer Sciex MS models including 6500 Triple Quad/QTRAP and X500R QTOF.
- Compressor based solution, no need for an external air supply
- Minimal set-up required
- Highly economical source of nitrogen/dry air 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 3031
Curtain Gas Maximum Flow (Nitrogen)	18 L/min @ 85 psi
Source Gas Maximum Flow (Dry Air)	26 L/min @ 110 psi
Exhaust Gas Maximum Flow (Dry Air)	25 L/min @ 70 psi
Min/ Max Operating Temperature	5°C - 35°C / 41°F - 95°F
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	3 x 1/4" BSPP
Drain Outlets	1x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Electrical Requirements	230v 50/60Hz 12A
Power Consumption	2990 watts
Generator Dimensions (HxWxD)	1322 x 600 x 850 mm/52 x 23.6 x 33.5 in
Generator Weight	186.5 Kg (411 lbs)

Ordering Information

Part Number	10-6331
Japan Part Number	10-6331J
Annual Service	08-4787
Standard Maintenance Plan	09 - 3110
Complete Maintenance Plan	09 - 3110



It should be noted that the gas pressures and flows are factory set. The pressures shown on the Generator front panel are in excess of the maximum inlet pressure of the Mass Spectrometer. This is to allow for known pressure drops. These settings have been approved by SCIEX.

[PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by 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.

Peak Scientific's Quality Management System conforms to: ISO:9001:2008



Product Certifications





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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

