

Genius 3070

Nitrogen Generator for LC-MS

Part Number : 10-6327

Service Kit : 08-4788



Your local **gas generation** partner

Description

The Genius 3070 has been designed specifically for systems which require a source of Dry Air (Nebulizer/Heating Gas) and Air (Exhaust Gas), such as Shimadzu's LCMS-8080. The Genius 3070 is a compressor based system removing moisture and other gases, delivering dry, clean, phthalate free air.

For laboratories without an external air supply and with gas requirements above those of Genius 10 series generators, the Genius 30 series deliver laboratory grade gas at increased flow rates catering for these specifications.

Peak Scientific's Genius series of generators, designed mainly for LC-MS applications, are self-contained systems featuring integrated compressors, delivering laboratory-grade gas at various pressures and flow rates required by numerous instruments.

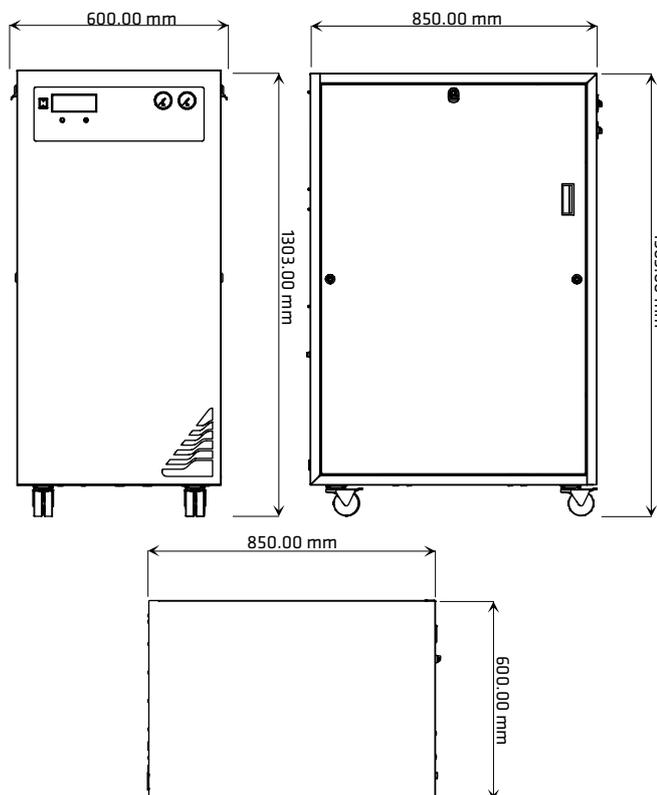
Applications

- Delivers nebulizer, heating and exhaust gases
- Total solution for Shimadzu LCMS-8080 in conjunction with Genius 1053



Key Features

- Intelligent system will generate gas only when the instrument it is connected to demands it
- Higher flow 30 series generator designed for hungrier LC-MS applications
- Compressor based solution, no need for an external air supply
- Minimal set-up required
- Highly economical source of 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



Genius 3070 Dimensions

Technical Specifications

	Genius 3070
Max Flow Rate Nebulizer/Heating gas	34 L/min / 1.20 CFM
Max Flow Rate Exhaust gas	31 L/min / 1.09 CFM
Max Pressure Nebulizer/Heating gas	760 kPa / 110 psi
Max Pressure Exhaust gas	620 kPa / 90 psi
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	2x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95°F
Electrical Requirements	230v 50/60Hz 12A
Power Consumption	2760 watts
Generator Dimensions (HxWxD)	1303 x 600 x 850 mm/ 51.3 x 23.6 x 33.4 in
Generator Weight	199 Kg (438lbs)

Ordering Information

Part Number	10-6327
Annual Service	08-4788
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3010
Step-Up Transformer For Use With 208V Electrical Supply	06-3210

[PEAK Protected]TM

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.

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



FM 515973



Product Certifications

