

# Genius 3051

Nitrogen & Air Generator for Shimadzu LC-MS

Part Number : 10-6360

Service Kit : See Reverse



Your local gas generation partner

## Description

Engineered specifically for the Shimadzu LCMS-8045, LCMS-8050, LCMS-8060 and LCMS-9030 instruments, the Genius 3051 provides one output of phthalate free, high purity nitrogen at up to 27 L/min and one of dry air at up to 29 L/min. This will provide enough high purity gas to support these instruments even when being operated in 'high flow gas delivery mode' and for some uses up to two instruments in 'standard gas delivery mode'.

The Genius 30 series models have the highest capacity of compressor based systems Peak manufacture and feature a total of four independent high-performance compressors enabling supply of higher flow analytical instrument grade nitrogen.

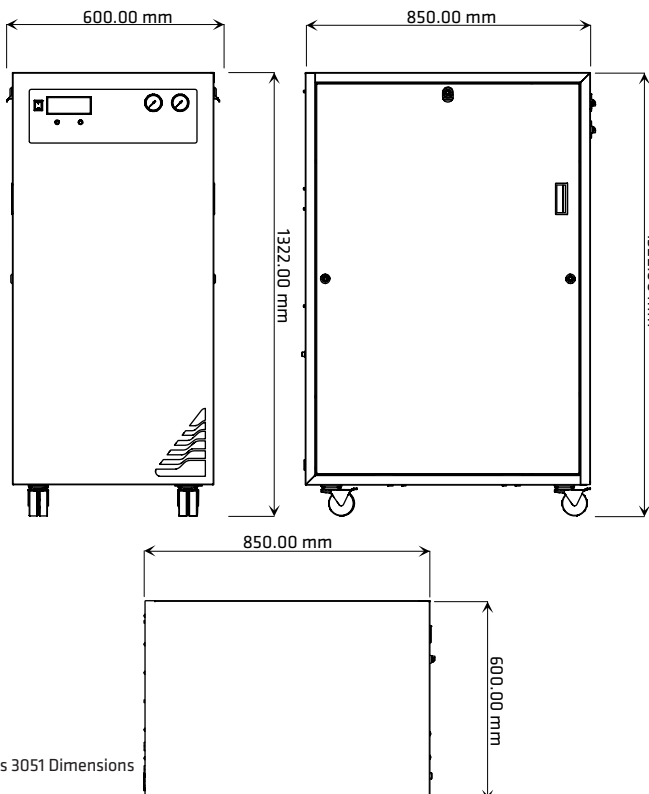
## Applications

- Shimadzu LC-MS 9030
- Up to 2 x Shimadzu LCMS-8045 in standard gas delivery mode
- Up to 2 x Shimadzu LCMS-8050 in standard gas delivery mode
- Up to 2 x Shimadzu LCMS-8060 in standard gas delivery mode
- Shimadzu LCMS-8045 in high flow gas delivery mode
- Shimadzu LCMS-8050 in high flow gas delivery mode
- Shimadzu LCMS-8060 in high flow gas delivery mode



## Key Features

- **Shimadzu tested and approved** solution for LCMS-9030
- Specifically designed for LCMS-8045, LCMS-8050 and LCMS-8060
- Self-contained solution with integrated compressors, no need for an external air supply
- Supports LCMS "High flow gas delivery" mode
- Highly economical source of nitrogen/dry air with low lifetime running costs
- Latest generation high performance compressors for longer service interval
- Easy to use, gas at the push of a button
- Wheels make it easy to manoeuvre generator around the lab
- 12 month comprehensive on-site warranty



## Technical Specifications

## Genius 3051

Max Flow Rate	27 L/min (0.91 cfm) N2 / 29 L/min (0.70 cfm) Dry Air
Max Pressure	100 psi / 690 kPa
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Air Dewpoint	-20°C (-4°F)
Nitrogen Purity	≤2% Oxygen
Particles	None
Gas Outlets	2x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95°F
Electrical Requirements	230v single phase supply, 50/60Hz 12A
Power Consumption	2760 watts
Generator Dimensions (HxWxD)	1322 x 600 x 850 mm/ 52.0 x 23.6 x 33.4 in
Generator Weight	216 Kg (476lbs)

## Ordering Information

Part Number	10-6360
Annual Service	
Standard Maintenance Plan	<a href="http://www.peakscientific.com/ordering">www.peakscientific.com/ordering</a>
Complete Maintenance Plan	
Step-Up Transformer For Use With 208V Electrical Supply	06-3210

## [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.

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



## Product Certifications

