

Application: Shimadzu LCMS-8060NX
Shimadzu LCMS-9030 Shimadzu LCMS-8045
in standard or high gas delivery mode
Shimadzu LCMS-8050 in standard or high gas
delivery mode Shimadzu LCMS-8060 in
standard or high gas delivery mode

Part number: 3303886

Description

Approved and validated by Shimadzu as the gas solution for the latest high performance Shimadzu LC-MS instruments, Genius XE SMZ combines advanced technology with refined and robust engineering to provide a premium standalone on-demand nitrogen and air gas generator. Built upon the best-in-class Genius XE nitrogen generator series, Genius XE SMZ provides labs a dependable, high purity gas supply where performance and reliability are paramount.

With dual outlets (1 x nitrogen, 1 x air), Genius XE SMZ has been precision engineered to provide LC-MS grade nitrogen on-demand from a small and quiet gas generator. Featuring Multi-Stage Purification™ and next-generation integrated compressors with Electronic Compressor Optimization™ (ECO) technology, Genius XE SMZ can comfortably support the latest Shimadzu LC-MS instruments including the LCMS-8060NX.

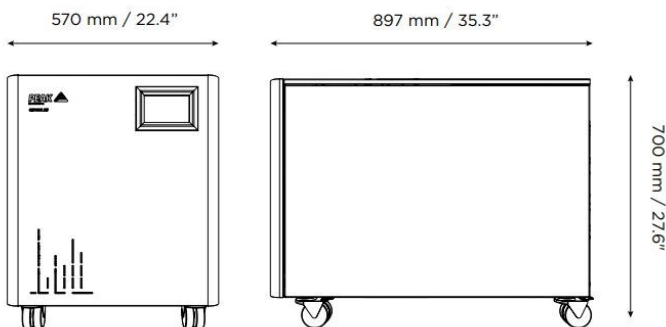
- **Gas types** Nitrogen
- **Integrated compressor:** Yes
- **Application Types:**

- Shimadzu LCMS-8060NX
- Shimadzu LCMS-9030
- Shimadzu LCMS-8045 in standard or high gas delivery mode
- Shimadzu LCMS-8050 in standard or high gas delivery mode
- Shimadzu LCMS-8060 in standard or high gas delivery mode



Key Features

- Validated and approved by Shimadzu to meet the demands of the latest Shimadzu LC-MS instruments
- Multi-Stage Purification™ to efficiently remove moisture and contaminants, providing a consistent quality of gas
- Low impact on lab environment with low noise and heat emissions
- Next-generation high performance premium compressors, engineered exclusively for Genius XE
- Touch-screen full color user interface for ease of use and operation
- ECO (Electronic Compressor Optimisation™) technology for low energy consumption and compressor durability
- Fixed annual maintenance schedule
- 2 year comprehensive manufacturer's warranty*



Year 2 of warranty subject to generator being serviced at end of year

1 by a PEAK-approved agent in accordance with fixed annual maintenance schedule. For full terms and conditions visit www.peakscientific.com/warranty-statement

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Technical Specifications		Genius XE SMZ Nitrogen Gas Generator	
Gas Type		Nitrogen	
Max Gas Flow:		27L/min	
Max Output Pressure:		100psi/6.9bar	
Gas Type		Air	
Max Gas Flow:		29L/min	
Max Output Pressure:		99psi/6.8bar	
Max Output Pressure:		100psi/6.9bar	
Gas Outlets Fitting:		2 x ¼" BSPP	
Start Up Time:		30 min	
Power Consumption:		1.64 kVA	
Voltage:		220 - 240v ±10%	
Frequency:		50/60 Hz	
Current:		9 Amps	
Heat output:		<5545 BTU	
Max Operating Temp:		30°C / 86°F	
Particles:		<0.01µm	
Noise Level:		57dB(A) @ 1m	
Accreditations:		CE, FCC	
Size (HxWxD) mm		700 x 570 x 897 mm	
Size (HxWxD) Inches		27.6 x 22.4 x 35.3 inches	
Generator Weight		129kg / 283.8lbs	

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