

# Genius NM32LA-110V

## Nitrogen Generator for LC-MS

Part Number : 10-6520

Service Kit : 08-4780



Your local **gas generation** partner

### Description

The Genius NM32LA-110V is a variant of our best-selling NM32LA nitrogen generator for LC-MS, engineered to operate at 110V rather than 230V as with the standard model. This tailored solution for laboratories operating at 110V (eg. USA), removes the requirement for a step-up transformer to boost supply to 230V in order to realize the benefits of the NM32LA.

The culmination of over a decade's work perfecting an on-site nitrogen gas generation for LC-MS, the Genius NM32LA is the pinnacle of our Genius series. NM32LA has become a proven and reliable on-demand nitrogen solution in countless laboratories worldwide. This system's popularity is underpinned by its compatibility with most mass specs available in the market.

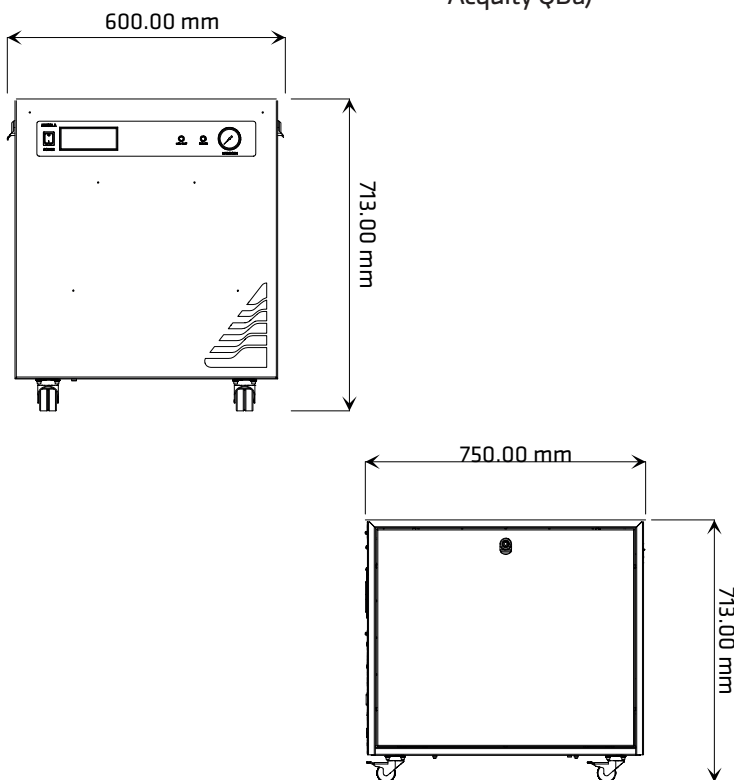


### Key Features

- Compressor based solution, generator can run on its own without the need for an external source of air
- Proven and reliable with 1000's in the field worldwide
- 110V electrical supply compatible, no step-up transformer required
- Duty and service indicators
- Latest generation, high specification compressor located in insulated chamber to minimize noise and vibration
- Once connected to the instrument and power is supplied, the system is fully operational
- The most cost effective method of gas supply
- Remove the hassle and safety concerns of ordering and changing out pressurized cylinders
- Gas is supplied on demand so generator works to your schedule

### Applications

- Perfect for labs with 110V electrical supply
- Ideal nitrogen gas source for MS instruments designed to operate in 110V facilities (eg. Waters Acquity QDa)



Genius Nm32la-110v Dimensions

## Technical Specifications

## Genius NM32LA-110V

Max Flow Rate	32 L/min
Max Pressure	100 psi / 6.9 bar
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	1x 1/4" BSP Female
Phthalates	None
Suspended Liquids	None
Operating Temperature	5°C - 35°C / 41°F - 95°F
Electrical Requirements	100-115V 60Hz 11A
Power Consumption	1265 Watts
Noise Level	59 dB
Generator Dimensions (HxWxD)	713 x 600 x 750 mm / 28.1 x 23.6 x 29.5 in
Generator Weight	95 Kg (209lbs)

## Ordering Information

Part Number	10-6520
Annual Service	08-4780
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3010

## [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:9001:2015



FM 515973



## Product Certifications

