

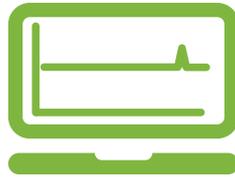
# There's room for a **Genius** in every lab

With thousands currently operating in labs throughout the world, our well-established and best-selling **Genius series** is the culmination of two decades of experience and know-how in designing and manufacturing **laboratory nitrogen generators** for **LC-MS**. Incorporating proven and dependable technology, Genius delivers performance, ease of use, convenience and exceptional reliability, in a self-contained, standalone nitrogen gas generation system, all at the **push of a button**.



#### **Convenient**

No changing cylinders or running out during analysis



#### **Consistent**

Constant quality and purity of gas, no risk of contamination



#### **Economic**

Eliminate on-going costs of cylinders, manage lifetime running costs



#### **Efficient**

Streamline workflow, faster sample throughput



#### **Green**

Reduce carbon footprint by eliminating recurring gas deliveries



#### **Protected**

Comprehensive on-site warranty & service contracts

## Cost effective, tailored laboratory solutions

If you still rely on high pressure cylinders as a source of nitrogen for your mass-spectrometers and other gas-hungry lab applications, Peak Scientific can provide you with a more economical and convenient solution.

Our Genius series generators are a standalone solution, so there's no need for an existing compressed air source and are a far more cost effective & reliable alternative to traditional methods of N<sub>2</sub> supply.

Furthermore, through our on-going work with major instrument manufacturers we have developed dedicated solutions to meet the requirements of the latest LC-MS models.



# Genius Series

## Genius NM32LA & NM3G

- Both generators produce laboratory grade nitrogen at 32 L/min
- Compressor located in insulated chamber, reducing noise and vibration
- Service indication for planning preventative maintenance
- NM-3G built with additional redundancy, advanced alarms & self-diagnostics



## Genius 3010 & 3020

- 3010 designed for hungrier LC-MS instruments so delivers 64 L/min
- 3020 designed with independently controlled dual output, each at 32 L/min
- Compressor located in insulated chamber, reducing noise and vibration
- Service indication to allow planning of preventative maintenance

## Dedicated solutions

### Genius 1051 & 3051

- Approved & validated solutions for Shimadzu LC-MS 8050 & 8060
- 1051 delivers a combined total of up to 25 L/min of N<sub>2</sub> and/or dry air
- 3051 delivers 26 L/min of N<sub>2</sub> & 20 L/min of dry air to instruments
- 3051 can meet demand of up to two LC-MS instruments

### ABN2ZA & AB-3G

- Dedicated gas solutions for Sciex LC-MS instruments
- 3 gas outputs - N<sub>2</sub> for curtain, dry air for source & exhaust
- Delivers 12 L/min N<sub>2</sub>, 24 L/min dry air & 8 L/min dry air to instruments
- AB-3G built with additional redundancy, advanced alarms & self-diagnostics

### Genius 1022

- Dedicated instrument gas solution for Thermo Q Exactive LC-MS
- Provides 32 L/min at higher pressure output requirement to suit instrument requirements

### Genius 1023

- Dedicated instrument gas solution for Agilent Chip Cube LC-MS
- Delivers 32 L/min of 10% Oxygen rich, Nitrogen gas to instruments.



**Contact us today** to discover more!

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