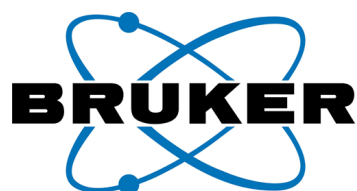


Nitrogen Generator **Genius 3045**

# We have nothing to declare but our **Genius.**

Our new **Genius range** of Gas Generators is smoother, quieter, safer and more efficient than anything on the market. The **Genius range** offers superb technical performance in the lab and comes with our 'world class' after sales service as standard.

**PEAK SCIENTIFIC. GO WITH THE FLOW.**



# Nitrogen Generator **Genius 3045**

## Features & Benefits:

**Unique** – Offers separate Nitrogen and dry air flows and comes with integrated air compressors

**Quiet** – Insulated compressor compartment for minimum disruption

**Mobile** – Fitted with castors for easy mobility within the laboratory environment

**Simple Installation** – Generator designed as plug & play system

**Economical** – More cost effective than any other gas supply method

**Convenient** – Gas on demand, no health hazards, no need to worry about running out of gas

The Genius 3045 Nitrogen Generator is specifically designed for use with the Bruker EVOQ Triple Quadrupole Mass Spectrometer. This generator will supply a single application and provide Nitrogen gas as well as a separate Dry Air output.

**Extensively tested and approved by Bruker.**

## Technical Specifications

Maximum Outlet Gas Flow Nitrogen	32L/min / 1.13CFM
Maximum Outlet Gas Flow Air	50L/min / 1.77CFM
Maximum Outlet Gas Pressure	5.52 bar / 80 psi
Min/ Max Operating Temperature	5°C - 35°C / 41°F - 95°F
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000 Metres
Particles	< 0.01µm
Gas Outlets	2x 1/4" BSPP
Drain Outlets	1x 1/4" BSPP
Phthalates	None
Suspended Liquids	None
Noise Level	54 dB(A) @ 1m
Electrical Requirements	230v 50/60Hz 12A
Power Consumption	2760 watts
Dimensions (cm/ ins) WxDxH	60 x 85 x 130.3 / 23.6 x 33.4 x 51.3
Weight (kg/ lbs)	189 / 417

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**Tel:** +1 866 647 1649  
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For a full list of our worldwide office locations, please visit:

**Web:**  
[www.peakscientific.com/contact](http://www.peakscientific.com/contact)



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



FM 515973

Product Accreditations:



Ordering Information  
**Genius 3045**

Part Number  
**10-3045**

Annual Service Kit Genius 3045 08-4787  
Standard Maintenance Plan 09-3110  
Complete Maintenance Plan 09-3010

Website: [www.peakscientific.com](http://www.peakscientific.com)  
Email: [genius@peakscientific.com](mailto:genius@peakscientific.com)

**For more Bruker information:**

<http://www.bruker.com/offices.html>



Bruker is a supplier of the Peak Nitrogen Generator