

Nitrogen Generator AB-3G

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 AB-3G

Features & Benefits:

- Reassurance – Designed with back-up compressor capacity
- Fail Safe – Continuous operation to allow for scheduled maintenance
- Confidence – Designed and built around extensive tried & tested processes
- Intelligent – Advanced alarms and self-diagnostics
- Independent – No external compressor required
- Quiet – Insulated compressor compartment for minimum disruption
- Mobile – Flexibility to position generator where required, even under standard lab bench, the generator is supplied with caster wheels for easy mobility
- 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

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The AB-3G Nitrogen Generator is designed specifically for use with the AB SCIEX Range of LC/MS instruments, up to and including the latest API5500. This Premium model offers safeguards that are unique to Peak Scientific generators and effectively deliver reassurance and confidence for critical functions.

Technical Specifications

Curtain Gas (Nitrogen)	12 L/min @ 5.52 bar - 0.424 CFM @ 80 psi
Source Gas (Dry Air)	24 L/min @ 7.58 bar - 0.848 CFM @ 110 psi
Exhaust Gas (Dry Air)	8 L/min @ 4.14 bar - 0.283 CFM @ 60 psi
Min/ Max Operating Temperature	5°C - 30°C / 41°F - 86°F
Max Relative Humidity	70%
Max Altitude	2000 Meters
Particles	< 0.01µm
Gas Outlets	3 x 1/4" BSP Female
Phthalates	None
Suspended Liquids	None
Noise Level	54 dB(A) @ 1m
Electrical Requirements	230v 50/60Hz 9.6A
Power Consumption	2185 watts
Dimensions (cm/ ins) WxDxH	90 x 73 x 75.3 / 35.4 x 28.7 x 29.6
Weight (kg/ lbs)	145 / 319

Ordering Information

Part Number: AB-3G UK/US/EU 10-8010

Annual Service Kit AB-3G 08-4778
 Standard Maintenance Plan 09-3110
 Complete Maintenance Plan 09-3000

Website: www.peakscientific.com
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Product Accreditations:

