

Halo - MP-AES nitrogen gas generator

Application: MP-AES

Part number: 3300825



Description

Designed as a dedicated solution for MP-AES instruments supplying high purity nitrogen for plasma support gas or monochromator purge and dry air supply for POP gas and monochromator air purge, Halo produces 25 L/min of 99.5% or 10 L/min of 99.95% pure nitrogen with a supporting dry air supply of up to 36.5 L/min. Fitted with an oxygen analyzer, Halo will alert when operating purity has been reached through a purity status indicating LED light.

Compact in size, Halo is a space-saving solution for the lab, freeing up valuable lab space whilst being far easier to transport for field research than bulky gas cylinders or generators with an external air source. Manufactured by Peak's laboratory gas generation experts, Halo has been engineered to operate comfortably at high altitude with the most advanced gas generation technology to produce the reliable, high purity nitrogen and dry air for your MP-AES application.

- **Gas types** Nitrogen, Air
- **Integrated compressor:** Yes
- **Application Types:** MP-AES



Key Features

- Nitrogen at 25 L/min at 99.5% purity or 10 L/min at 99.95%
- Air supply at 36.5 L/min at -20°C ADP
- O2 analyzer with LED status indication
- Compact, mobile, space-saving solution
- Latest generation, high specification compressor located in insulated chamber to minimize noise and vibration
- Capable of operating in high altitude environments (up to 4,000m) without performance loss
- Less than 30 minutes start-up to operating purity
- Remove the hassle and safety concerns of ordering, transporting and changing out pressurized cylinders
- Manufactured and tested in U.K. to highest spec., CE/FCC certified
- 12 month fully comprehensive manufacturer's warranty inclusive

Technical Specifications

Halo - MP-AES nitrogen gas generator	
Gas Type	Nitrogen
Max Gas Flow:	25L/min
Max Output Pressure:	87psi/6bar
Gas Type	Air
Max Gas Flow:	36.5L/min
Max Output Pressure:	87psi/6bar
Max Output Pressure:	87psi/6bar
Max Purity:	99.5%
Gas Outlets Fitting:	2 x 1/4" BSPP
Start Up Time:	<20 mins
Power Consumption:	up to 2300 VA
Voltage:	230 V
Frequency:	50/60 Hz
Current:	8 A
Heat output:	7843 BTU
Max Operating Temp:	35°C / 95°F
Particles:	<0.01 µm
Accreditations:	CE, CSA
Size (HxWxD) mm	765 x 570 x 880 mm
Size (HxWxD) Inches	30.1 x 22.4 x 34.6 inches
Generator Weight	155kg / 341lbs

Operating at an altitude between 3000m - 4000m max operating temperature is 25°C (77°F)

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Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with 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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- For service plans visit: www.peakscientific.com/service/service-plans/

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0003