

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

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://peak.nt-rt.ru/> || pki@nt-rt.ru

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)

Архангельск (8182)63-90-72	Ижевск (3412)26-03-58	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Сургут (3462)77-98-35
Астана (7172)727-132	Иркутск (395)279-98-46	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Казань (843)206-01-48	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Барнаул (3852)73-04-60	Калининград (4012)72-03-81	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)74-02-29
Белгород (4722)40-23-64	Калуга (4842)92-23-67	Нижегний Новгород (831)429-08-12	Санкт-Петербург (812)309-46-40	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Кемерово (3842)65-04-62	Новокузнецк (3843)20-46-81	Саратов (845)249-38-78	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
Волгоград (844)278-03-48	Краснодар (861)203-40-90	Омск (3812)21-46-40	Симферополь (3652)67-13-56	Хабаровск (4212)92-98-04
Вологда (8172)26-41-59	Красноярск (391)204-63-61	Орел (4862)44-53-42	Смоленск (4812)29-41-54	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Курск (4712)77-13-04	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Липецк (4742)52-20-81	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13	Ярославль (4852)69-52-93
Иваново (4932)77-34-06				
Киргизия (996)312-96-26-47	Россия (495)268-04-70	Казахстан (772)734-952-31		

<https://peak.nt-rt.ru/> || pki@nt-rt.ru