

## Nitrogen Generators NG250(A) - 4000(A)

Pressure Swing Adsorption (PSA) has been employed for decades and is the preferred choice for generating Ultra High Purity Nitrogen. The technology is self-regenerating, offering you a reliable and durable source of Ultra High Purity Nitrogen with little need for attention.

We can make our systems available with or without an internal air compressor.

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



# Nitrogen Generators NG250(A) - 4000(A)

## Features & Benefits:

Flexible – Available with or without internal air compressor

Purity – Ultra high purity suitable for GC, ICP, DSC, TGA, TOD, TMA and DMA

Single Source Solution – One generator can cater for the requirements of multiple applications

Reliable – Self re-generating CMS column

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 NG Range of Nitrogen Generator is designed specifically for use as make up and carrier gas for GC Applications, which require ultra high purity nitrogen for operation. The NG Range is also suitable for ICP, DSC, TGA, TOD, TMA and DMA.

## Technical Specifications

	NG250(A)	NG600(A)	NG1000(A)	NG2000(A)	NG3000(A)	NG4000(A)
UHP Nitrogen	250 cc/min	600 cc/min	1000 cc/min	2000 cc/min	3000 cc/min	4000 cc/min
Max Outlet Pressure	5.5 bar / 80 psi					
Purity (O <sub>2</sub> )	99.9995%					
Pressure Dewpoint	-70°C / -94°F					
Gas Outlet	1x 1/4" BSP Female					
Electrical Requirements						
- units without air compressor	230v 50Hz 0.5A / 110v 60Hz 1.2A					
- units with air compressor	230v 50Hz 2.2A / 110v 60Hz 5.2A			230v 50Hz 3.6A / 110v 60Hz 8.0A		
Power Consumption						
- units without air compressor	230v - 115 watts / 110v - 132 watts					
- units with air compressor	230v - 506 watts / 110v - 572 watts			230v - 828 watts / 110v - 880 watts		
Dimensions (cm/ ins) WxDxH	43 x 41 x 62 / 17 x 16 x 25			43 x 41 x 126 / 17 x 16 x 50		
Weight (kg / lbs)						
- units without air compressor	33 / 73		47 / 104	57 / 126	77 / 170	80 / 176
- units with air compressor	43.5 / 96	43 / 95	45 / 99	65 / 143	88 / 194	

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## Ordering Information

	Part Number -excl. air compressor			Part Number - incl. air compressor		
	UK	EU	US	UK	EU	US
NG250	10-2022	10-2220	10-2010	10-1010	10-1020	10-1030
NG600	10-2070	10-2071	10-2072	10-1060	10-1070	10-1080
NG1000	10-2110	10-2111	10-2130	10-1110	10-1120	10-1130
NG2000	10-2160	10-2170	10-2180	10-1160	10-1170	10-1180
NG3000	10-2210	10-2211	10-2230	10-1210	10-1220	10-1230
NG4000	10-2260	10-2270	10-2280	10-1260	10-1270	10-1280

Annual Service Kit NG250 - 4000

08-4723

Annual Service Kit NG250A - 4000A

08-4704

Standard Maintenance Plan

09-3110

Complete Maintenance Plan

09-3000

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## Product Accreditations:



FM515973

