

## 'GC300-0' NITROGEN GAS GENERATOR

### Features:-

- CONSTANT FLOW OF GC GRADE NITROGEN GAS
- WALL OR BENCH MOUNT DESIGN
- DESIGNED TO RUN OFF LAB AIR SYSTEMS
- EASY TO INSTALL
- LOW MAINTENANCE
- 2 YEAR FULL WARRANTY
- PLC CONTROLLED



Noblegen offers one of the smallest and efficient high purity nitrogen generators available for single point GC use. Utilising the reliable and efficient PSA technique to remove oxygen to less than 1 ppm the generator delivers 300cc/min of high purity nitrogen gas. The Generator is controlled using a PLC and manifold valves to give reliable and efficient operation. Either bench or wall mounted and runs from a standard oil-free laboratory compressed air supply, the Noblegen GC300 Nitrogen Generator is an important part of any efficient laboratory removing the need for high pressure gas cylinders.

## NOBLEGEN

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# TECHNICAL SPECIFICATION

## GC300-0 PRODUCT INFORMATION

Model	Outlet Flow cc/min	Dimensions mm (ins)			Weight Kg (lbs)
		Height	Width	Depth	
GC300-0	300	500 (19.6)	300 (11.8)	200 (7.9)	16 (35)

### Technical Data

Ambient Temp range	5-50°C (41-122°F)
Air Inlet Pressure	6-10 barg (87-145 psig)
Outlet Pressure	Up to 8 barg (116 psig)
Air Inlet Flow	4.0 L/min @ 6 barg (min)
Electrical Supply	220v a.c. / 1ph / 50Hz or
	110v a.c. / 1ph / 50-60Hz
Inlet / Outlet connections	G 1/4" (BSP) Female*

Note: Air inlet to BS 1.2.1 or better

\*Twin ferrule outlet fittings available on request

### Standard Features

- ◆ All PLC controlled
- ◆ Runs off Lab air supply
- ◆ Bench or wall mount
- ◆ Low maintenance
- ◆ 2 years warranty

### Options

- ◆ Additional inlet & outlet filtration on request
- ◆ Ex Hazardous area version

### Benefits

- ◆ Replaces high pressure gas cylinders
- ◆ Constant gas quality
- ◆ Compact design
- ◆ Ideal for low flow applications
- ◆ Very cost effective, fast payback



[www.noblegen.co.uk](http://www.noblegen.co.uk)