

## Precision Nitrogen 250 - GC N2 generators

Application: Precision

Part number: 61-0250



### Description

The Precision Nitrogen and Nitrogen Trace generators have been developed to provide a constant and consistent source of nitrogen for detector make-up for GC applications, as well as headspace vial pressurization, purge and trap, tube conditioning for thermal desorption and sample preparation.

- **Gas types** Nitrogen
- **Integrated compressor:** No
- **Application Types:** GC Detector Gas



### Key Features

- Suitable as make-up gas at standard detection limits
- Nitrogen generated on demand, as and when it is required
- Constant and consistent supply, avoid running out of gas during analysis
- Avoid contaminants entering system as result of changing over empty cylinders
- Dedicated precision compressor module available where house supply not available
- Integrates seamlessly with other Precision units
- Ultra-fast start-up time, quick to reach standard operating purity
- Minimum maintenance with an annual filter change
- Compact, space-saving modular design
- 12 month comprehensive on-site warranty

## Technical Specifications

|                        | Precision Nitrogen 250 - GC N2 generators               |
|------------------------|---|
| Gas Type               | Nitrogen  |
| Max Gas Flow:          | 250cc/min   |
| Max Output Pressure:   | 80psi/5.5bar  |
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| Max Purity:            | 99.9995%  |
| Min Inlet Pressure:    | 100psi/6.9bar   |
| Max Inlet Pressure:    | 120psi/8.3bar   |
| Min Inlet Air Quality: | ISO 8753-1:2010 Class 1.4.1 or Precision Air Compressor |
| Start Up Time:         | 90 mins   |
| Power Consumption:     | 100   |
| Voltage:               | 100-240 ± 10% VAC                                       |
| Frequency:             | 50 / 60 Hz  |
| Current:               | 0.2 - 0.4 A   |
| Accreditations:        | CSA, CE   |
| Size (HxWxD) mm        | 256 x 380 x 540 mm                                      |
| Size (HxWxD) Inches    | 10.1 x 15 x 21.3 inches                                 |
| Generator Weight       | 21kg / 46.2lbs  |

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