

Precision Nitrogen 250

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.



Application Types

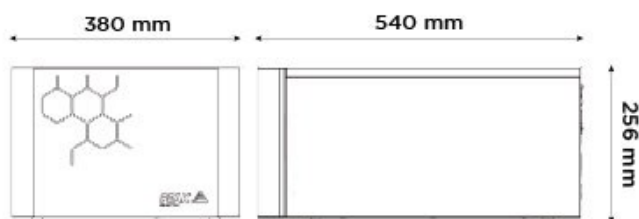
GC Detector Gas

Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** No

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
Max Output Pressure:	80psi/5.5bar
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:	CE, CSA
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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