

# NG5000A ultra high purity nitrogen generator

Application: Specialist Solutions

Part number: 10-1292 (230v) - UK | 10-1295 (230v) - EU | 10-1291 (110v) - US

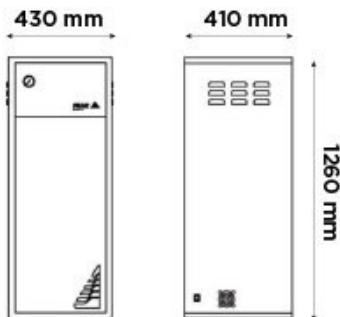


## Description

The NG5000(A) delivers ultra high purity nitrogen at trace detection limits through Pressure Swing Adsorption technology at flows of up to 5 L/min for GC, DSC, DMA and other applications requiring ultra high purity nitrogen at up to 5L/min. The NG5000(A) comes with an internal compressor for laboratories without an external source of gas.

To reach their ultra high purity nitrogen output these generators use Pressure Swing Adsorption and Carbon Molecular Sieve. These separation technologies remove oxygen and other impurities in air, delivering hassle-free, ultra high purity nitrogen, on-demand for the lab.

- **Gas types** Nitrogen
- **Integrated compressor:** Yes
- **Application Types:** GC, ICP, DSC, DMA



## Key Features

- Suitable for applications such as GC, DSC, DMA Suitable for applications requiring ultra high purity
- Available with or without an external compressor
- Contains self-regenerating Carbon Molecular Sieve column
- Gas is supplied on demand so generator works to your schedule
- 12 month comprehensive on-site warranty

## Technical Specifications

| NG5000A ultra high purity nitrogen generator |                         |
|--|-------------------------|
| Gas Type                                     | Nitrogen                |
| Max Gas Flow:                                | 5L/min                  |
| Max Output Pressure:                         | 80psi/5.5bar            |
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| Max Purity:                                  | upto 99.9995%           |
| Min Inlet Pressure:                          | 120psi/8.3bar           |
| Max Inlet Pressure:                          | 130psi/9bar             |
| Start Up Time:                               | 8 hours                 |
| Power Consumption:                           | 132 Watts               |
| Voltage:                                     | 110 / 230 ± 10% VAC     |
| Frequency:                                   | 50 / 60 Hz              |
| Current:                                     | 0.5 Amps / 1.2Amps      |
| Max Operating Temp:                          | 25°C / 77°F             |
| Accreditations:                              | CE                      |
| Size (HxWxD) mm                              | 1235 x 449 x 406.5 mm   |
| Size (HxWxD) Inches                          | 48.6 x 17.7 x 16 inches |
| Generator Weight                             | 88kg / 193.6lbs         |

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