

PG28L Purge Gas Generator

Application: FT-IR microscopes Laboratory applications requiring CO₂ free air

Part number: 45-1060

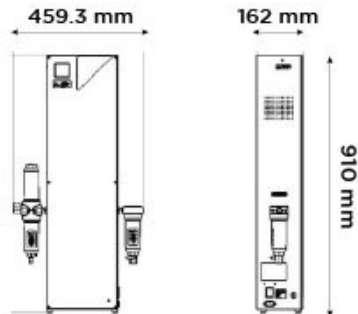
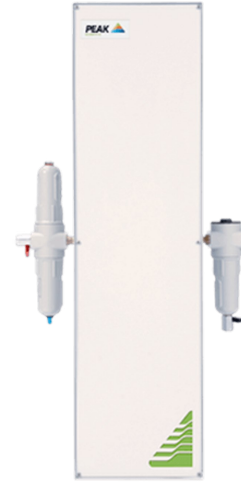


Description

The PG28L gas generators from Peak Scientific are suitable for laboratory detectors requiring CO₂ free gas such as FT-IR analysis. Using Pressure Swing Adsorption technology to remove organic contaminants and moisture from air, these generators provide a consistent flow of air to ensure little background noise in laboratory analysis.

Requiring minimal maintenance, the PG28L does require an external source of air to operate, Peak Scientific will be able to help with recommending a suitable air source if your laboratory does not have one.

- **Gas types** Air
- **Integrated compressor:** No
- **Application Types:**
FT-IR microscopes Laboratory applications requiring CO₂ free air



Key Features

- Purge Gas (PG) generators from Peak Scientific produce air which is free of CO₂
- Ideal for commercial labs with a high throughput rate of samples
- High performance filters and PSA ensure maximum reduction of moisture (< -70°C dew point).
- Few moving parts means minimum maintenance requirements and 24/7 performance
- Position generator where required, wall mountable for small labs
- More cost effective than any other gas supply as the FT-IR detector needs a constant flow of gas
- Completely silent in operation
- 12 month full comprehensive on-site warranty

Technical Specifications

	PG28L Purge Gas Generator
Gas Type	Air
Max Gas Flow:	28L/min
Max Output Pressure:	100psi/6.9bar
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Max Purity:	<1ppm CO2
Gas Outlets Fitting:	1/4" BSP Female
Min Inlet Pressure:	100psi/6.9bar
Max Inlet Pressure:	120psi/8.3bar
Power Consumption:	240 W
Voltage:	120 - 240 ± 10% V
Frequency:	50 / 60 Hz
Current:	0.08 A
Particles:	< 0.01 µm
Accreditations:	CE
Size (HxWxD) mm	910 x 459 x 162 mm
Size (HxWxD) Inches	35.8 x 18.1 x 6.4 inches
Generator Weight	19kg / 41.8lbs

[PEAK Protected]TM

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

- For ordering parts visit: www.peakscientific.com/ordering/
- For service plans visit: www.peakscientific.com/service/service-plans/

Peak Scientific UK
Tel: +44 (0)141 812 8100
Fax: +44 (0)141 812 8200

Peak Scientific North America
Tel: +1-800-767-6532
Fax: +1-978-608-9503

Peak Scientific China
Tel: +86 21 5079 1190
Fax: +86 21 5079 1191
For a full list of our worldwide office locations, please visit:
Web: www.peakscientific.com
Email: discover@peakscientific.com

Peak Scientific's Quality Management System conforms to: ISO:9001



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