

## PG14L Purge Gas Generator

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

Part number: 45-1010

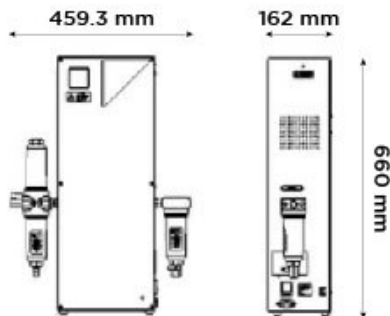


### Description

The PG14L gas generator from Peak Scientific is 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 PG14L does require an external source of air to operate and can be supported by the Precision Air Compressor.

- **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
- Can be supported by Precision Air Compressor
- 12 month full comprehensive on-site warranty

## Technical Specifications

	PG14L Purge Gas Generator
Gas Type	Air
Max Gas Flow:	14L/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 V
Frequency:	50 / 60 Hz
Current:	8 A
Max Operating Temp:	25°C / 77°F
Particles:	< 0.01 µm
Accreditations:	CE
Size (HxWxD) mm	660 x 459 x 162 mm
Size (HxWxD) Inches	26 x 18.1 x 6.4 inches
Generator Weight	14kg / 30.8lbs

# [PEAK Protected]<sup>TM</sup>

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.

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