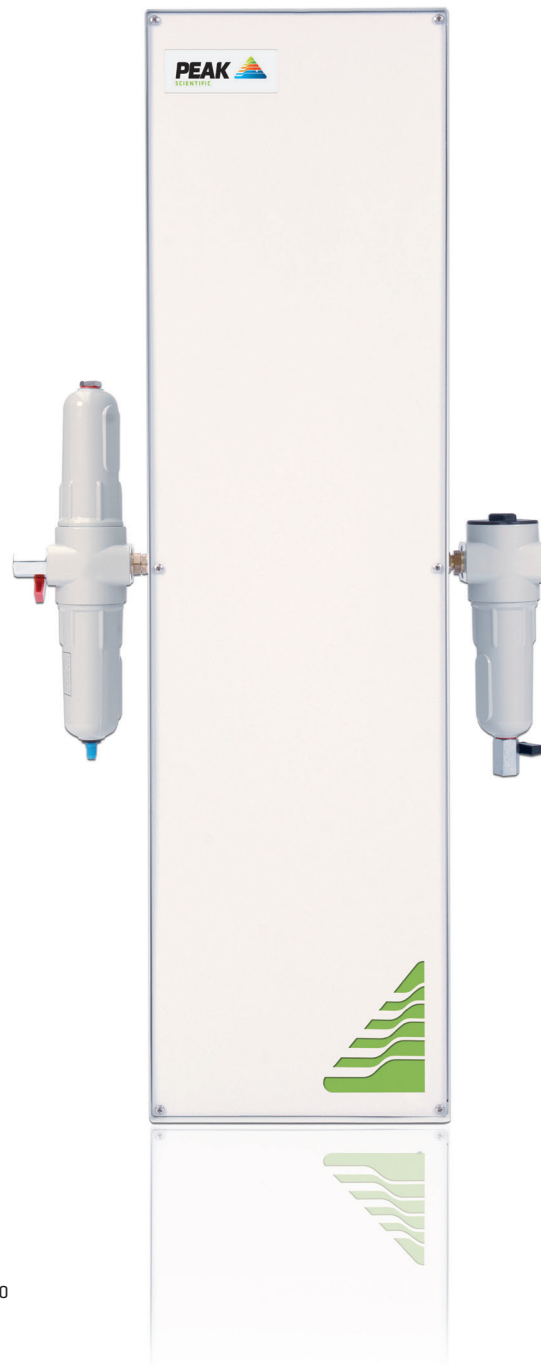


Purge Gas Generators PG14L - 85L

Operating an FT-IR with no clean reference can be a bit of a challenge for everyone. Peak Scientific Purge Gas Generators offer gas which is free of organic contaminants, such as Carbon Dioxide. A series of high performance filters ensure maximum reduction of moisture.

PEAK SCIENTIFIC. GO WITH THE FLOW.



Purge Gas Generators PG14L - 85L

Features & Benefits:

Purity – Clean, dry carbon dioxide free air

Durable – Few moving parts with minimum maintenance requirements

Reassurance – Generator performs 24/7, if required

Mobile – Flexibility to position generator where required, wall- mountable for small labs

Quiet – Completely silent in operation

Simple Installation – Generator only needs to be connected to the air source and application

Economical – More cost effective than any other gas supply method

Convenient – Gas on demand, no health hazards, no need to worry about running out of gas

The PG Range of Purge Gas Generators is designed specifically to meet flow specifications of all FT-IR Spectrometers, improving signal to noise ratio, offering cleaner backgrounds in a shorter period of time to provide more accurate analysis.

Technical Specifications

	PG14L	PG28L	PG85L
Purge Gas	14 L/min / 0.5 SCFM	28 L/min / 1 SCFM	85 L/min / 3 SCFM
Max Outlet Pressure	6.9 bar / 100 psi		
Min/ Max Inlet Pressure	100 - 120 psi		
Max Inlet Air Temperature	25°C / 77°F		
Outlet CO ₂ Concentration	< 1.0 ppm		
Pressure Dewpoint	- 70°C / - 94°F		
Particles	< 0.01 µm		
Inlet/ Outlet Port	1/4" BSP Female		
Electrical Requirements	220-240v/ 120v 80mA		
Dimensions (cm/ ins) WxDxH	25 x 16 x 66 9.8 x 6.3 x 26	25 x 16 x 90 9.8 x 6.3 x 35.4	32 x 20 x 103 13 x 8 x 40
Weight (kg/ lbs)	18.5 / 41	20.5 / 45.1	35 / 77

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Ordering Information

	Part Number			
	UK	EU	US	Pneumatic
PG14L	45-1010	45-1010	45-1010	45-1030
PG28L	45-1060	45-1060	45-1060	45-1091
PG85L	45-1120	45-1120	45-1130	N/A

Annual Service Kit PG14L - 85L 08-8222
 Standard Maintenance Plan 09-3110
 Complete Maintenance Plan 09-3000

Website: www.peakscientific.com
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Product Accreditations:



FM515973

