



Nitrogen
 Atomic Number: 7
 Atomic Weight: 14.0067
 Melting Point: 63.15 K (-210.00°C or -346.00°F)

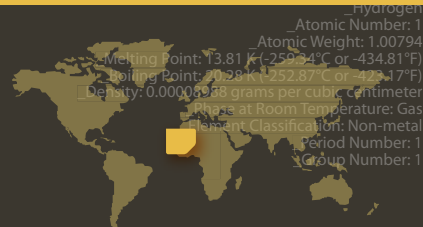
PURGE GAS GENERATOR PG28LA

▼ PG28LA_
 // 28l_max_flow_rate
 // internal_air_compressor

With more than 10 years experience in development and production of laboratory gas generators Peak Scientific has developed close relationships with Instrument Manufacturers and other clients. We have invested time & effort to learn more about your work, the environment you work in and the instruments you operate to conduct your research. The results are not only products which fulfill your needs and wishes, but they have also been tried, tested & approved by the world's leading Instrument Manufacturers, making it the industry's choice.



We are confident that our products will help you concentrate on more important aspects of your work than your gas supply.



The PG28LA_

PG28LA Generators produce up to 28l/min of CO₂ free gas. This is achieved using pressure swing absorption with an 'Active Formula' molecular sieve. CO₂ and water vapour are trapped and vented during the production cycle and purified gas is available on demand.

The systems offer quiet continuous operation and are designed to meet flow specifications of all FT-IRs, improving signal to noise ratio and cleaner backgrounds in a shorter period of time to provide more accurate analysis. The generators will also protect the beam splitter from corrosion by moisture and there will be no delay in operation while the instrument is being purged. These Generators also feature an internal air compressor.

Technical Specifications Purge Gas_

	PG28LA
Max Flow Rate @100psi (l/min/scfm)	28/1
Carbon Dioxide Concentration (ppm)	<1
Pressure Dewpoint	- 70C / - 94F
Particles >0.01 micron	None
Non-Methane Hydrocarbons ppm	0.1
Inlet/ Outlet Port	1/4"
Electrical Requirements 220-240VAC/ 120VAC	7A/ 18A
Dimensions (cm/ in)	72x58x80 28x23x31
Weight (kg/ lbs)	90 / 198

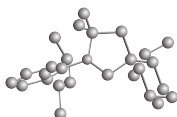
Features & Benefits

- Experience ▶▶
 _more than 10 years of experience in the industry
- Simple Installation ▶▶
 _Generator designed as plug & play system
- Economical ▶▶
 _more cost effective than combustible gas bottles/ cylinders
- Convenient ▶▶
 _24/7 uptime, if required
 _Internal Air Compressor
 _No health hazards
 _No need to worry



//The safer solution to your total gas requirements_

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