



Nitrogen  
 \_Atomic Number: 7  
 \_Atomic Weight: 14.0067  
 \_Melting Point: 63.15 K (-210.00°C or -346.00°F)  
 \_Boiling Point: 77.36 K (-195.79°C or -320.42°F)

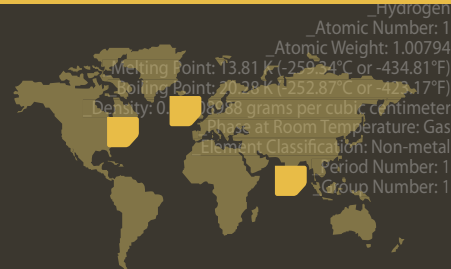
## CALIBRATION GAS GENERATOR CG15L-22L

- ▼ CG15L-22L\_
- // 15L\_22L\_max\_flow\_rate
- // Federal\_Register\_Specification
- // 40CFR 86.114-79\_met

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.



## Features & Benefits

### The CG15L-22L\_

The gas produced by this range of generators exceeds performance levels of Zero Air and is ideal for a wide variety of air emission applications

The US EPA has established performance standards for a variety of industrial emissions sources and strict procedures for certifying the emissions from motor vehicles. The CG models are the choice for properly zeroing emissions gas analysers during calibration and meet the requirements of Federal Register Specification 40CFR 86.114-79.

Ultra Zero Air is conveniently produced by these generators from existing compressed air supply at pressures up to 125 psig. Gas is generated by both catalytic oxidation and a proprietary regenerative sieve. Coalscing pre-filters and a final filter ensure continuous gas purity.



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

### Technical Specifications Calibration Gas\_

	CG15L	CG22L
Max Outlet Flow	15 L/min	22 L/min
Pressure Dewpoint	-70°C / -94°F	-70°C / -94°F
Required Inlet Air Pressure	4-8 bar	4-8 bar
Req' Inlet Flow @rated O/P	27 L/min	44 L/min
Warm Up time for spec. THC	30 mins	30 mins
Inlet/ Outlet Ports	1/4"	1/4"
Electrical Req' (120v/ 220v)	4.5A / 5.0A	8.8A / 9.5A
Dimensions (cm/ ins) WxDxH	62x43x41 24x17x16	88x43x41 35x17x16
Weight (kg/ lbs)	58 / 128	73 / 161

Calibration Gas Purity	
CO	<1 ppm
SOX	<0.1 ppm
CO <sub>2</sub>	<1 ppm
NOX	<0.1 ppm
H <sub>2</sub> O	<1.5ppm
THC	<0.1 ppm
O <sub>2</sub>	18-20%



//The safer solution to your total gas requirements\_

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