

# Nitrogen Generators

for Edge Medical Devices



The Parker domnick hunter G1-LN-800 nitrogen gas generator employs robust, field proven technology to produce ultra high purity nitrogen for critical life science applications.

The G1-LN-800 generator provides a continuous stream of ultra high purity nitrogen from a single 'plug & play' unit. This system is available with an integral oil free compressor, and is extremely quiet in operation.

Innovative design and technology facilitate maximum instrument uptime, attractive return on investment and proven analytical performance, eliminating the need for other modes of supply.

A range of tailored service contracts, extended warranties and global manufacturing capabilities provide comprehensive aftermarket support.



## Contact Information:

**Parker Hannifin Ltd**  
**Industrial Division**  
Dukesway, Team Valley Trading Estate  
Gateshead, Tyne and Wear  
England NE11 0PZ

**Tel: +44 (0)191 402 9000**  
**Fax: +44 (0)191 482 6296**  
**Email: [gasgen@parker.com](mailto:gasgen@parker.com)**  
**[www.domnickhunter.com](http://www.domnickhunter.com)**

## Features:

- **Phthalate-free componentry**
- **Integral oil free compressor option**
- **Continuous automatic operation, 24/7**
- **Noise reduction technology**
- **Compact and robust design**
- **Simple installation and operation**
- **Global manufacturing support**

## Benefits:

- **Proven instrument performance**  
Robust technology, tested and fully approved for use
- **Low life cycle costs, excellent return on investment**  
Payback typically less than 24 months
- **Safe and sustainable**  
Eliminates the need to use and handle high pressure cylinders
- **Increased instrument uptime and productivity**  
Gas at the push of a button, 24/7, without interruptions
- **Convenient**  
Compact, low maintenance design allows easy installation next to instrument
- **Optimum analysis**  
Improved stability and greater reproducibility with guaranteed purity
- **Reliable**  
Field proven Pressure Swing Adsorption (PSA) technology



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## Product Selection

Model	Flow Rate	Purity*	Outlet Pressure		Integral Compressor
	ml/min	%	mbar g	psi g	
G1-LN-800	800	>99.999	17	0.25	YES

\*Purity with respect to oxygen

## Technical Data

Ambient Temperature Range	5 - 45°C 41 - 113°F
Supply Voltage Range	120 / 230V ±10% (60 / 50Hz)
Port Connections    Outlet	1/4" Compression Fitting

## Weights and Dimensions

Model	Height (H)		Width (W)		Depth (D)		Weight	
	mm	in	mm	in	mm	in	kg	lb
G1-LN-800	567	22.3	400	15.7	700	27.5	82	181

Also available, a range of hydrogen and air (organic impurity free) generators for Life Science, Chemical Analysis and Spectroscopy applications

For information on extended warranty and preventative maintenance contract availability, please contact your local sales office or visit [www.domnickhunter.com](http://www.domnickhunter.com)

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