



Make-up gas

Used to enhance the movement of carbon ions through the detector to improve the signal, make-up gases can also improve the sensitivity of detection in gas chromatography.

At Parker, we know that a constant flow of an inert make-up gas is crucial to maintaining the best analytical conditions. Nitrogen makes an ideal make-up gas, thanks to its cost effectiveness at large volumes, and our generators can supply you with an unlimited source of high-purity nitrogen, on-demand.



UHP-ZN2

An industry leading dual gas generator, the UHP-ZN2 delivers nitrogen and zero air for make-up gas applications. Producing ultra high-purity nitrogen from standard compressed air, with <0.1 ppm hydrocarbon content, it will enable you to achieve the most accurate results.

- Continuous supply of ultra high-purity, organic free nitrogen
- Engineered to ensure maximum reliability and minimal operator attention
- Compact design – requires minimal space in your laboratory
- Noise reduction technology – a quieter working environment
- Integral heated catalyst – ensures carrier grade nitrogen
- Economy mode – significantly reduced running costs and increased compressor life
- Single plug & play unit – saves you valuable time
- With or without an integral compressor

Note: Also suitable for use as carrier gas

G6010 & G7010

The Parker domnick hunter nitrogen and dry air generators employ robust, field proven technology to produce ultra high-purity nitrogen and dry air suitable for make-up gas applications. This model combines innovative technology, compact design and functionality to provide a continuous stream of nitrogen which guarantees to improve analysis and reproducibility.

- Continuous supply of nitrogen at 99.999% purity and dry air
 - Proven analytical performance – peace of mind
 - Compact design – save space in your laboratory
 - Minimal operator attention and maintenance – maximised up-time and reduced running costs
 - Noise reduction technology – quieter working environment
 - Lowest lifetime cost – payback typically less than 24 months
 - With or without integral oil free compressor
 - Single plug & play unit – saves you valuable time
-

Product Selection

Model	Flow Rate		Purity*		Delivery Pressure		Integral Compressor
	Nitrogen L/min	Dry Air L/min	Nitrogen %	Dry Air °C (dew point)	bar g	psi g	
G6010	0.6	1.5	>99.999	-40	5	72.5	YES
G7010	3	3	>99.999	-40	5	72.5	YES

*Purity with respect to oxygen

Note: Add suffix 'E' for 207-253V 50/60Hz ie. G6010-E

Add suffix 'W' for 103 - 126V 60Hz ie. G6010-W

Technical Data

Ambient Temperature Range	5-40°C 41-104°F
Supply Voltage Range	103 - 126V 60Hz 207 - 253V 50/60z
Port Connections	Outlet (G6010) 1/8" Compression Fitting Outlet (G7010) 1/4" Compression Fitting

Weights and Dimensions

Model	Height [H]		Width [W]		Depth [D]		Weight	
	mm	in	mm	in	mm	in	kg	lb
G6010	842	33.1	345	13.6	413	16.3	58	127.9
G7010	874	34.4	345	13.6	663	26.1	93	205

Preventative Maintenance

Preventative Maintenance Kit	Part Number	Change Frequency
Filter Kit - G6 option 1 (compressor)	606272351	12 months
Compressor Kit 230V - G6 option 1	606202336	12 months
Compressor Kit 120V - G6 option 1	606202337	12 months
Filter Kit - G7 option 1 (compressor)	606272352	12 months
Compressor Kit 230V - G7 option 1	606202334	12 months
Compressor Kit 120V - G7 option 1	606202335	12 months
Solenoid Valve PM Kit 230V option 1	606272385	24,000 hours or 36 months (whichever comes first)
Solenoid Valve PM Kit 120V option 1	606272388	24,000 hours or 36 months (whichever comes first)

Optional Extras

Description	Part Number	Required for
Installation Kit	IK7694	Suitable for all HP nitrogen generators