

Nitrogen Generators

for Agilent 6400 & 6500 LC/MS instruments



The Parker domnick hunter LCMS64/65 dual flow nitrogen gas generators employ robust, field proven technology to meet the drying, sheath, nebulisation and collision gas requirements of the Agilent Technologies QQQ & Q-TOF instrumentation portfolio.

The LCMS64/65 generators provide two continuous streams of high purity nitrogen from a single 'plug & play' unit. Models are available both with and without an integral oil free compressor, are extremely quiet in operation, and fully approved for use by major instrumentation manufacturers.

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.



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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*		Air Inlet @ 8.5 bar g (123.3 psi g)	Delivery Pressure		Integral Compressor
	Drying, sheath & Nebulisation Nitrogen	Collision cell Nitrogen	Drying, sheath & Nebulisation Nitrogen	Collision cell Nitrogen		bar g	psi g	
	L/min	ml/min	%	%				
LCMS64-0	18	200	>98	>99.999	90	6.8	98.6	NO
LCMS64-1	18	200	>98	>99.999	n/a	6.8	98.6	YES
LCMS65-0	30	200	>98	>99.999	90	6.8	98.6	NO
LCMS65-1	30	200	>98	>99.999	n/a	6.8	98.6	YES

*Purity with respect to oxygen

Technical Data

Ambient Temperature Range	5 - 40°C 41 - 104°F
Inlet Air Quality †	Clean dry compressed air ISO8573-1:2001 Class 2.-.1
Supply Voltage Range	120 / 230V ±10% (60 / 50Hz)
Port Connections	1/4" Compression Fitting
Nitrogen Outlet Air Inlet †	1/4" Compression Fitting

†Non compressor models only

Weights and Dimensions

Model	Height (H)		Width (W)		Depth (D)		Weight	
	mm	in	mm	in	mm	in	kg	lb
LCMS64-0	705	27.8	510	20.1	559	22	103	227
LCMS64-1	705	27.8	510	20.1	826	32.5	143	315
LCMS65-0	705	27.8	510	20.1	559	22	103	227
LCMS65-1	705	27.8	510	20.1	826	32.5	143	315

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

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