

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.



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Product Features:

- **Complete 'Plug and Play' system specifically designed for the Agilent 6400 & 6500**
- **Produces a continuous supply of LC/MS grade nitrogen 24 hours a day**
- **Integral oil free compressor, with noise reduction technology**
- **Eliminate inconvenient and potentially dangerous nitrogen cylinders**
- **Compact, reliable with minimal operator attention and maintenance**
- **Phthalate-free componentry**

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

Note: Add suffix 'E' for 207-253V 50/60Hz ie LCMS64-0-E
Add suffix 'W' for 103-126V 60Hz ie LCMS64-0-W

Technical Data

Ambient Temperature Range	5 - 40°C 41 - 104°F
Inlet Air Quality †	Clean dry compressed air ISO8573-1:2010 Class 3.2.1
Supply Voltage Range	103 - 126V 60Hz 207 - 253V 50/60Hz
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

Preventative Maintenance

Preventative Maintenance Kit	Part Number	Change Frequency
Filter Kit	606272251	12 Months
Compressor Kit 230V - Option 1 models	606272253	12 Months
Compressor Kit 120V - Option 1 models	606272261	12 Months

Optional Extra's

Description	Part Number	Required for
Installation kit	IK7572	Suitable for all LCMS nitrogen generators