



# LC/MS Nitrogen Generators



domnick hunter LC/MS nitrogen generators are specifically designed to meet the gas flow, purity and pressure requirements of the latest generation of LC/MS instruments.

Flow rates range from 12L/minute to 40L/minute and provide total flexibility to allow single or multiple instruments to be supplied.

Utilizing the pressure swing adsorption technique,

the generators provide a continuous stream of clean, dry nitrogen without the need for secondary purification and are fully compatible with all known APCI and ESI interfaces.

Models featuring integral oil-free compressors give increased security of supply, completely removing the reliance on external air supplies.

## Features

- Suitable for nebulizing, sheath and drying gas
- Integral oil-free compressor
- Fully regenerative, proven durability PSA technology
- Phthalate-free
- Soundproofed compressor box
- Digital interface
- CE, UL and CRN approved
- Global manufacturing support

## Benefits

- **Improved instrument performance**  
Guaranteed consistent nitrogen purity improves stability and ensures greater reproducibility of results
- **Low and stable gas supply costs**  
Payback in less than 18 months
- **Security of supply**  
Integral oil-free compressors removes the reliance on dedicated compressed air supplies
- **Reduced Health and Safety risks**  
No manual handling or high pressure gas storage
- **Peace of mind**  
Service contracts and extended warranty available
- **Effortless operation**  
Gas at the push of a button
- **Space saving**  
Fits under bench
- **Expert advice**  
Over 20 years experience of PSA system design



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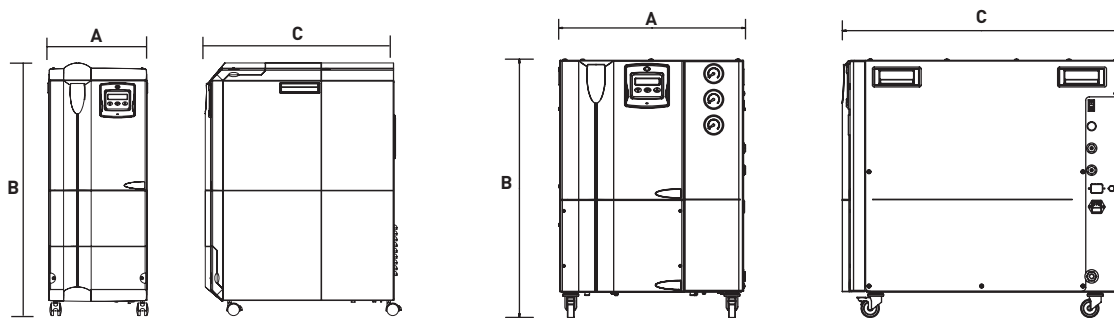
# Technical Specifications

Model	Flowrate L/min	Purity % O <sub>2</sub>	Connections BSP		Voltage ac	Dimensions mm			Weight kg
			Air inlet	Gas outlet		A	B	C	
LCMS 15-0	15	0.5	¼"	⅛"	110/230	510	705	559	89
LCMS 15-1*	15	0.5	-	⅛"	110/230	510	705	826	129
G4-600	18	0.5	¼"	⅛"	110/230	345	873	663	77
LCMS 20-0	20	1	¼"	⅛"	110/230	510	705	559	89
LCMS 20-1*	20	1	-	⅛"	110/230	510	705	826	129
LCMS 30-0	30	1	¼"	⅛"	110/230	510	705	760	135
LCMS 30-1*	30	2	-	⅛"	110/230	510	705	826	129
LCMS 40-0	40	1	¼"	⅛"	110/230	510	705	760	135

\* with integral compressor

## G4-600

## LCMS 15/20/30/40



To ensure optimum performance and longevity of your LC/MS nitrogen generator, domnick hunter recommends the following service kits be used as part of a preventative maintenance program:

## 230 Vac Models

Model	4000 hours	8000 hours	24000 hours	Also required at 24000 hours if no compressor fitted
G4-600	60 627 0220	—	60 627 0226	—
LCMS 15-0, 20-0, 30-0, 40-0	60 627 2251	—	60 627 2255	1off 60 627 2257
LCMS 15-1*, 20-1*, 30-1*	60 627 2251	60 627 2253	60 627 2255	—

## 110 Vac Models

Model	4000 hours	8000 hours	24000 hours	Also required at 24000 hours if no compressor fitted
G4-600	60 627 0220	—	60 627 0222	—
LCMS 15-0, 20-0, 30-0, 40-0	60 627 2251	—	60 627 2263	1off 60 627 2265
LCMS 15-1*, 20-1*, 30-1*	60 627 2251	60 627 2261	60 627 2263	—

\* with integral compressor

For more information on extended warranty and preventative maintenance contract availability please contact your local domnick hunter sales office or log on to [www.domnickhunter.com/scientific](http://www.domnickhunter.com/scientific)



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