

NitroFlow 60

for LC/MS



Nitrogen On Demand, Up to 60 lpm

The Parker Balston NitroFlow 60 is a self contained generator that produces up to 60 slpm of pure LC/MS grade nitrogen at pressures of up to 7 bar. Nitrogen is produced utilizing a combination of a scroll compressor and nitrogen membrane separation technologies. This combination of technologies yields the highest performing, most reliable and quietest integrated nitrogen generation system available.

The NitroFlow 60 is also available with an integrated membrane dryer for use with instruments that require dry air, including the chip cube interface from Agilent Technologies.

Typical applications include LC/MS, nebulizer gases for APCI and ESI, Jet Stream, I Funnel, ELSD, Turbo Vaps and chemical solvent evaporation.



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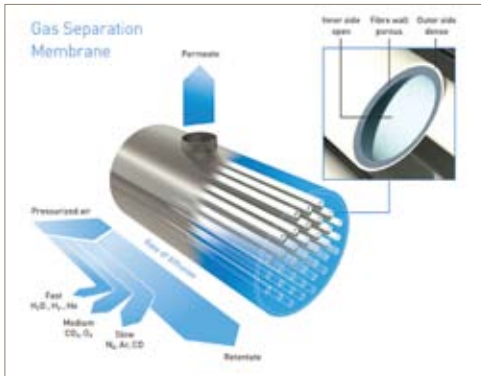
www.parker.com/dhFNS

Product Features:

- Ideal for Agilent's 6490 iFunnel Triple Quadrupole LC/MS and iFunnel Q-TOF LC/MS
- Safe, convenient and cost effective method of providing high purity nitrogen for your LC/MS
- Complete "plug and play" system recommended for all major LC/MS instruments
- Phthalate-free, no organic vapors
- Available with an optional integrated membrane dryer to supply clean air for the Agilent LC/MS Chip Cube interface
- Scroll compressor technology offers near silent operation; less than 49 dB(A)

Proven Technology

The unique combination of a rotary scroll compressor and high efficiency membrane ensures that the NitroFlow 60 has many unique advantages over all other existing LC/MS nitrogen generators. Rotary scroll compressors operate at low temperatures, have less moving parts and are significantly quieter than piston compressors used by other Nitrogen Generator manufacturers.



Principal Specifications and ordering information

Model	NitroFlow 60	NitroFlow 60D
Nitrogen	Up to 60 lpm	Up to 60 lpm
Dry Air Flow	N/A	5 lpm
Dry Air Dewpoint	N/A	-40°C
Hydrocarbon Free	Yes	Yes
Phthalate Free	Yes	Yes
Maximum Outlet Pressure	7 bar	7 bar
Atmospheric Dewpoint	-50°C	-50°C
Outlet Port	Female 1/4" NPT	Female 1/4" NPT
Min/Max Ambient Temperature	10°C / 35°C	10°C / 35°C
Electrical Requirements	230 VAC, 50 Hz, 1 Phase, 13A*	230 VAC, 50 Hz, 1 Phase, 13A*
Dimensions	109cm H x 53cm W x 86cm D	109cm H x 53cm W x 86cm D
Shipping Weight	292 kg	292 kg

Ordering Information

Description	Model Number
Nitrogen Generator with Integrated Compressor including European/UK cordset	NitroFlow 60WD
Nitrogen Generator with Dryer Option and Integrated Compressor including European/UK cordset	NitroFlow 60DWD

Maintenance Items

Description	Model Number	Frequency
Gas Generator module annual maintenance kit	MKNITROFLOW60-5	12 months
Compressor annual maintenance kit	MKNITROFLOW60-1	12 months
Replacement drain solenoid valves	MKNITROFLOW60-2	24 months
Compressor 36 month maintenance kit	MKNITROFLOW60-3	36 months