

Products for LC/MS and Evaporation

NitroFlow Lab Self-Contained LC/MS Membrane Nitrogen Generator



Analytical Gas Systems

Features

Flow capacity up to 32 lpm

Less expensive and more convenient than nitrogen cylinders and Dewars

Ideal for all derivatives of ESI and APCi Modes

Includes state-of-the-art, oil-less compressor

8,000 hours compressor warranty

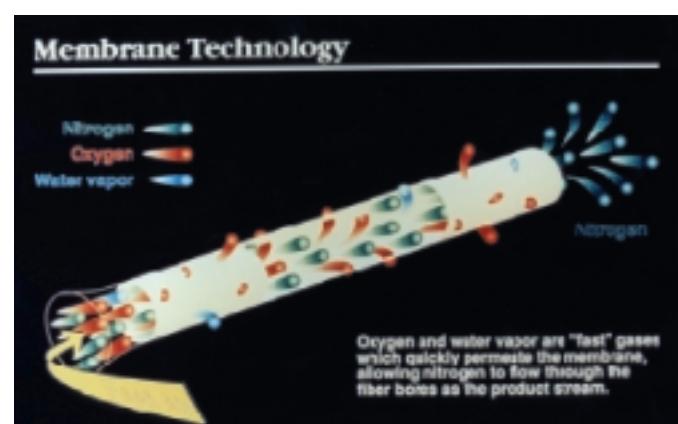
Recommended and used by all major LC/MS manufacturers

Special design ensures quiet operation

Phthalate free nitrogen



The **Parker Balston NitroFlow Lab** is a self-contained nitrogen generator that produces pure LC/MS grade nitrogen with pressures up to 8 barg. Nitrogen is produced by utilising a combination of compressor, filtration and membrane separation technologies. Oil-free compressed air is filtered by high efficiency coalescing filters remove all contaminants down to 0.01 micron. Hollow fibre membranes subsequently separate the clean air into a concentrated nitrogen stream and an oxygen enriched permeate stream, which is vented from the system. The NitroFlow Lab simply plugs into a standard electrical socket and it's ready to be connected to your instrument to start supplying nitrogen. There's nothing more to it. The NitroFlow Lab produces a continuous on-demand supply of pure nitrogen making it the smart alternative to cylinders. Additional applications include: nebuliser gas, chemical and solvent evaporation, instrument purge and supply, evaporative light scattering detector use and sparging.



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Principal Specifications

Model NitroFlow Lab

Nitrogen flow rate up to	32 lpm (Phthalate free)
Maximum Outlet Pressure	8 barg
Hydrocarbon Content	<1ppm (excluding methane)
Atmospheric Dewpoint	-50°C
Outlet Port Female	1/4" NPT
Temperature Range	10°-35°C
Noise Level	<58 dB(A)
Electrical Requirements	230V/50Hz
Dimensions	700 x 900 x 310mm
Shipping Weight	93kg

Ordering Information

Description	Model Number
NitroFlow Lab	159.003848
Annual Maintenance Kit	159.003754

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