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Nitroflow Lab

Nitrogen Generators - Nitrogen on Demand, up to 32 l/min The Parker Balston NitroFlow Lab is a self contained generator that produces up to 32 lpm of pure LC/MS grade nitrogen at pressures up to 8 bar. Nitrogen is produced by utilising a combination of compressor and membrane separation technologies. High and low pressure compressors are carefully matched to the hollow fibre membranes to ensure a quiet and reliable operation. Oil free compressed air is passed through the unique proprietary hollow fibre membranes which separate the air into a concentrated nitrogen stream. Typical applications include LC/MS, LC/MS/MS, nebuliser gases for APCI and ESI, ELSD, Turbo Vaps and chemical solvent evaporation. The NitroFlow Lab has been tried and tested by all the major LC/MS manufacturers.

Features

- Complete "Plug and Play" system recommended by all major LC/MS manufacturers
- Produces a continuous supply of nitrogen for all LC/MS applications
- Phthalate-free, no organic vapours
- Internal acoustic dampening ensures quiet operation
- 8,000 hours compressor warranty
- Eliminate dangerous nitrogen cylinders from the laboratory

Principal Specification

Model	NitroFlow Lab
Purity	99.5%
Phthalate-free	Yes
Hydrocarbon-free	Yes
Flow Rates	Up to 32 lpm
Delivery Pressure	8 bar
Outlet Connection	1/4" G
Ambient Temperature	10 to 35oC
Electrical Requirements	230VAC - 50Hz

Power Consumption	1400 watts
Noise Level	<58 dB (A)
Dimensions (H x W x D)	700 x 310 x 900 mm
Weight (Shipping)	93 Kg (98)



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