

Nitrogen Generators NM18 - 420L

Membrane Technology has been around for many years and is commonly used to filter compressed air with the purpose of generating nitrogen. Ever since Peak Scientific developed their first membrane nitrogen generator we have been working with the manufacturers of Mass Spec and other laboratory applications to ensure a pure, dry and phthalate free source of nitrogen in the lab.

We have taken huge steps in improving the quality and functionality of our generators; including ingenious little touches which are unique in the market place.

PEAK SCIENTIFIC. GO WITH THE FLOW.



Nitrogen Generators NM18L - 420L

Features & Benefits:

Durable – Few moving parts with minimum maintenance requirements

Single Source Solution – One generator can cater for the requirements of multiple applications

Quiet – Completely silent in operation

Mobile – Flexibility to position generator where required, the generator is supplied with caster wheels for easy mobility

Simple Installation – Generator only needs to be connected to the air source and application

Economical – More cost effective than any other gas supply method

Convenient – Gas on demand, no health hazards, no need to worry about running out of gas

Remote Use – customized pneumatic version without electrical requirements are also available

These Generators are designed to be connected to an existing air supply and can cater for the requirements of LCMS, LCMSMS, Turbovap, ELSD and NMR applications.

Technical Specifications

	NM18L	NM30L	NM60L	NM120L	NM180L	NM240L	NM300L	NM360L	NM420L
Nitrogen (L/min)	18	30	60	120	180	240	300	360	420
Outlet Pressure	Input dependent								
Inlet Air Requirement (L/min)	54	90	180	360	540	720	900	1080	1260
Min/ Max Air Inlet Pressure	7.6 - 10 bar / 110 - 145 psi		8.6 - 10 bar / 125 - 145 psi						
Pressure Dewpoint	-40°C / -40°F								
Min/ Max Operating Temperature	5°C - 30°C / 41°F - 86°F								
Particles	< 0.01 µm								
Suspended Liquids	None								
Phthalates	None								
Commercially Sterile	Yes								
Electrical Requirements	None		110 - 240v 50/60 Hz						
Dimensions (cm / ins) WxDxH	25 x 17 x 76 / 10 x 7 x 30			61 x 67 x 140 / 24 x 26 x 55					
Weight (kg / lbs)	13 / 29	13 / 29	96 / 212	97 / 214	100 / 220	103 / 227	106 / 234	109 / 240	112 / 247

Ordering Information

	Part Number
NM18L	10-2015
NM30L	10-2224
NM60L	12-2055
NM120L	12-2065
NM180L	12-2075
NM240L	12-2085
NM300L	12-2095
NM360L	13-4030
NM420L	13-4040

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Annual Service Kit NM18 - 120L	08-4429
Annual Service Kit NM180 - 240L	08-4711
Annual Service Kit NM300 - 420L	08-4712
Standard Maintenance Plan	09-3110
Complete Maintenance Plan	09-3000

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Product Accreditations:



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