



N₂Flow

Why have a nitrogen generator in your laboratory?

Producing enough good quality nitrogen in a laboratory can be a tricky business, especially if you use bottles. Why go through all the hassle of ordering, taking delivery and connecting bottle after bottle when our nitrogen generators can do all the hard work for you. Efficient and compact, our N₂Flow and N₂MaxiFlow ranges are perfect for every laboratory and budget, whether you need small amounts of high purity gas for gas chromatography or high amounts of variable purity gas for mass spectrometry.

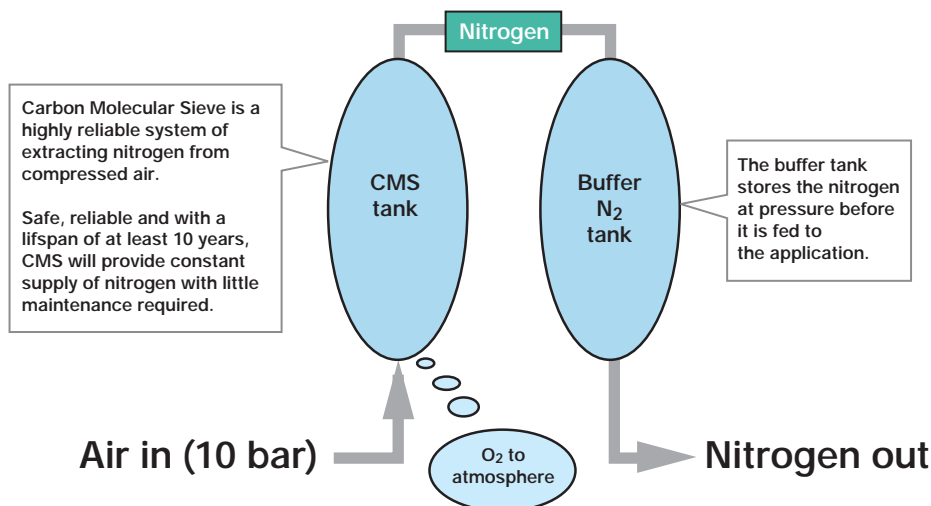
Of course, our generators have many other great benefits.

They:

- are reliable and efficient
- need minimal maintenance
- are extremely safe
- produce exceptionally pure nitrogen
- maintain a consistent gas pressure

How do the N₂Flow and N₂MaxiFlow generators work?

Oil-free compressed air enters the generator through a 0.01 micron filter, where an integrated autodrain removes contaminants and the bulk of the moisture. The air flows through the solenoid valve, building the pressure inside the column. An integral carbon molecular sieve and residual moisture trap adsorb the remaining oxygen, leaving the dry nitrogen ready for immediate use.



N₂Flow

Model	N ₂ Flow 400	N ₂ Flow 1L	N ₂ Flow 2L	N ₂ Flow 3L	N ₂ Flow 5L	N ₂ Flow 10L
Integrated compressor	Optional	No				
Flow	400 cc/min	1L/min	2L/min	3L/min	5L/min	10L/min
Purity	Up to 99.9995% to suit applications such as GC etc.					
Dewpoint	-50°C					
Input pressure (barg/psig)	10/147					
Air requirements	38L/min	38L/min	38L/min	90L/min	90L/min	90L/min
Power requirements	100/200V, 50/60Hz					
Dimensions: dxwxh (mm)	310x520x720	310x520x720	440x662x720	440x662x720	440x662x720	1 x 440x662x720 + 1 x 310x520x720

N₂MaxiFlow

Model	N ₂ MaxiFlow 15H	N ₂ MaxiFlow 20M	N ₂ MaxiFlow 30L	N ₂ MaxiFlow 30H	N ₂ MaxiFlow 40M	N ₂ MaxiFlow 60L
Integrated compressor	No					
Flow	15L/min	20L/min	30L/min	30L/min	40L/min	60L/min
Purity	99.9%	99.5%	99%	99.9%	99.5%	99%
Dewpoint	-50°C					
Input pressure (barg/psig)	10/147					
Air requirements	90L/min	90L/min	90L/min	180L/min	180L/min	180L/min
Power requirements	100/200V, 50/60Hz					
Dimensions: dxwxh (mm)	440x662x720	440x662x720	440x662x720	2 x 440x662x720	2 x 440x662x720	2 x 440x662x720

All of the above models are suitable to accompany all makes of mass spectrometers. We also manufacture a N₂TripleFlow model which provides gas at three different pressures.

In House Gas, Baptiston House, Killearn, G63 9LE, Scotland
Tel: 44 (0) 1360 551600 Fax: 44 (0) 1360 551555 info@inhousegas.com

In House Gas, Holland BV, Gezichtslaan 23, 3941 JD Doorn, The Netherlands
Tel: 0031 (0) 343 51 16 66 Fax: 0031- (0) 343 51 12 72

In House Gas, Atlanta, USA Call us Toll Free on 800 284 8979

