

The N₂MaxiFlow



Get rid of inconvenient cylinders!!

Offering flows up to 150L/min, the N₂MaxiFlow generator is designed to support all makes of Mass Spectrometry machines!!

Our generator uses Pressure Swing Adsorption (PSA) technology to produce a constant flow of high purity nitrogen. Have it sit under a bench or in the corner and leave to do its job. You need no longer worry about your nitrogen supply.

Features & Benefits:

- * Plug and Play installation
- * No administration costs
- * 100% uptime with constant flows of nitrogen
- * No health and safety issues
- * No variable cylinder issues
- * No late delivery concerns
- * Two year Warranty

Choose your system:

Model	N ₂ MaxiFlow 15L	N ₂ MaxiFlow 30L	N ₂ MaxiFlow 100L	N ₂ MaxiFlow 150L
Flow	15L/min	30L/min	100L/min	150L/min
Purity	Up to 99.99% to suit applications			
Dewpoint	-60°C			
Input pressure (bar/psig)	10/147			
Air Requirements	90L/min	180L/min		
Power requirements	100/200V, 50/60Hz			
Dimensions: dxwxh (mm)	440x662x720		600x500x1750	700x500x1850

We reserve the right to change and modify any product specifications or design. Error and omissions accepted

In House Gas (manufacturing) Ltd, Baptiston House, Killearn, Scotland G63 9LE

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www.inhousegas.com

FAQ'S



What is PSA?

PSA stands for pressure swing adsorption. Note that it is AD-sorption, not AB-sorption. What's the difference? The generally accepted use of "absorb" implies a sponging effect. But the term has been misused for a long time. *Absorption is actually a process involving a chemical change.* Since nothing we do is chemical, (our process involves physically separating molecules) the *process of separating molecules of gas from each other is correctly called adsorption.*

What pressure and purity do the generators produce?

We design our systems to meet your application pressure requirements. Our nitrogen generators can provide purities from 99% to 99.9995%. Whatever your requirements are, we will do our utmost to meet them.

What is included with the System?

Apart from a Two year warranty and no-quibble guarantee, our systems are composed of a nitrogen generator and if required an air-cooled compressor. For certain applications its necessary for a dryer and tank to be supplied also. In House Gas does dryers, so therefore we offer them as part of the system package.

How much do they cost?

Generator costs vary. We work with you to properly size the system to meet your purity, flow rate, and pressure requirements. Once this is done, we can make a formal price quote, and help calculate your payback time (which you might find to be surprisingly fast.) Please tell us more about your application needs.

Do you have any references?

Yes. We would be delighted to offer a number of references.

Do you rent or lease your systems?

Yes, please contact us for details.

What are the Maintenance Costs?

Filter cartridges need to be replaced based on a maintenance schedule. The maintenance is a simple procedure which can be carried out on the field. But for extra peace of mind we do offer Spares Kits that obtain all standard parts

Please Contact us for more Details.

Can I change the purity and flow of the system?

NO!! This will make your warranty void. Do not change the purity or flow without calling In House Gas.

Do I have to replace the CMS?

With proper filter maintenance and input air quality, the sieve material will last the life of the system.

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