

The Mini-N₂



Get rid of inconvenient cylinders!!

Offering flows up to 400cc/min, the Mini-N₂ unit is designed to make your life easier. No more lugging heavy cylinders around, waiting on late deliveries delaying important experiments!!

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 it to do its job. You need no longer worry about your nitrogen supply.

Features & Benefits:

- * Supplies up to 5 GC-FID
- * Compact/ easy to store
- * Plug and Play installation
- * No admin costs
- * 100% uptime
- * No health and safety issues
- * No variable cylinder issues
- * Two year Warranty

Applications:



GC-FID
GC-NPD
GC-ECD
TOC
Laser
Blanketing

Choose your system:

Model	Part No:	Purity	Flow	Operating Pressure	Power Requirements UK/US	Dimensions dxwxh (mm)	Weight (kg)
Mini-N ₂	OND00	99.9995%	400cc/min	80 psi	240/50 110/60	440x662x720	28
Mini-N ₂ with compressor	OND00/C	99.9995%	400cc/min	80 psi	240/50 110/1/60	440x662x720	35

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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What is PSA Technology?

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% up 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 it's necessary for a dryer and tank to be supplied as part of the installation. In House Gas take care of the entire system including any installation or pipework requirements which you may have.

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?

The maintenance is a simple procedure which can be carried out on the field. Spares kits can be purchased which contain all standard parts. For extra peace of mind, we offer a selection of support contracts. 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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