



Product Catalogue 2013

## Introducing Peak

All it takes is experience, passion and a dynamic environment to produce the best gas generators in the world!

We have been around long enough to see all the changes in the world of laboratory gas. Our expert knowledge and willingness to continually improve has allowed us to grow into a global company.

'Service & Support' is not just a phrase we use; it's a deep rooted belief! To us the relationship with our customer starts long before our service engineers come to visit.

Our product development is based on matching specific needs. That's why Peak works hand in hand with instrument manufacturers to ensure superb technical performance.

Smoother, quieter and more efficient than anything else on the market; our laboratory gas generators are well established and will stand the test of time.

**PEAK SCIENTIFIC. GO WITH THE FLOW.**





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To order any of our products, please send an email stating the desired generator model to your account manager or simply email [orders@peakscientific.com](mailto:orders@peakscientific.com)

The image shows the exterior of a building with a large, three-dimensional logo. The word "PEAK" is in large, dark blue, block letters. Below it, the word "SCIENTIFIC" is in smaller, gold-colored, block letters. To the right of the text is a stylized logo consisting of several horizontal, wavy lines in shades of green, orange, red, and blue, forming a triangular shape that points upwards.

**PEAK**  
**SCIENTIFIC**

“Many of our generators are a completely new design in terms of engineering and end user benefits.”



## Genius Series

The NM32LA Nitrogen Gas Generator is the building block of our Genius Products.

Its ingenious design has been proven to be smoother, quieter, safer and more efficient than anything else on the market today.

Extensive testing of the generator by Mass Spec Manufacturers throughout the development process has guaranteed the best solution for your LC/MS. Through continuous cooperation with instrument manufacturers, we have been able to design a range of Genius Products suitable for your specific application.

“...We have nothing to declare but our Genius.”



Pictured: Genius 3010 & NM32LA



## Features & Benefits:

### Convenience

Gas on demand

Easy to move

No need to wait for cylinder delivery

### Mass Spec manufacturer approved

Rigorously tested by manufacturers to ensure purity requirements are met

Complimented on outstanding reliability

### Low Noise & Vibration

Separate insulated compressor compartment

Anti vibration compressor mounts

### Space Saving Design

Maximum use of valuable laboratory floor space

### Minimum Service Requirements

Only one annual service required for the majority of users

### Simple Installation

Generator designed as a plug and play system

Model	Flow Rate / Gas Type	Pressure	Features
Genius NM32LA	32 L/min N2	100 psi / 6.9 bar	Nitrogen generator suitable for most LC/MS instruments including <b>Agilent, Bruker, Perkin Elmer, Shimadzu, Thermo Scientific, Waters</b> and many more.
Genius N118LA	18 L/min N2	100 psi / 6.9 bar	Nitrogen Generator developed for <b>Thermo / Dionex MSQ+</b>
Genius ABN2ZA	12L/min N2 24 L/min Dry Air 8 L/min Dry Air	80 psi / 5.5 bar 110 psi / 6.9 bar 60 psi / 4.1 bar	For use with the <b>AB SCIEX</b> range of LC/MS instruments, up to and including the latest AB5600.
Genius AB3G	12L/min N2 24 L/min Dry Air 8 L/min Dry Air	80 psi / 5.5 bar 110 psi / 6.9 bar 60 psi / 4.1 bar	For use with the <b>AB SCIEX</b> Range of LC/MS instruments, up to and including the latest AB5600. Premium model including fail safe compressor technology to ensure maximum up time.
Genius NM3G	30 L/min N2	100 psi / 6.9 bar	For use with any LC/MS instrument. Premium model including fail safe compressor technology to ensure maximum up time. Recommended for clinical application where maintaining gas flow is imperative.
Genius 1022	32 L/min N2	116 psi / 8.0 bar	Nitrogen generator with pressure requirements of 116psi specifically designed for the <b>Thermo Q Exactive</b> LC/MS.
Genius 1023	32 L/min N2	100 psi / 6.9 bar	Nitrogen Generator switchable between standard LC/MS grade Nitrogen and the 10% Oxygen rich Nitrogen required for <b>Agilent Chip Cube</b> .
Genius 1050	32 L/min N2	100 psi / 6.9 bar	Nitrogen generator utilising CMS technology.
Genius 1052	32 L/min N2	100 psi / 6.9 bar	Nitrogen generator for <b>LECO</b> modulators.
Genius 3010	64 L/min N2	100 psi / 6.9 bar	Nitrogen generator developed for <b>Agilent iFunnel</b> Technology LC/MS 6490 & LC/MS 6550.
Genius 3013	64 L/min N2	100 psi / 6.9 bar	Nitrogen Generator developed for <b>Agilent iFunnel</b> Technology LC/MS 6490 & LC/MS 6550, switchable between standard LC/MS grade Nitrogen and the 10% Oxygenrich Nitrogen required for <b>Agilent Chip Cube</b> .
Genius 3020	2 x 32 L/min N2	100 psi / 6.9 bar	Nitrogen generator developed to supply two LC/MS systems, with independent control.
Genius 3022	2 x 32 L/min N2	116 psi / 8.0 bar	Nitrogen generator developed to supply two <b>Thermo Q Exactive</b> LC/MS, with independent control.
Genius 3023	2 x 32 L/min N2	100 psi / 6.9 bar	Nitrogen generator developed to supply two Agilent LC/MS, with independent control, switchable between standard LC/MS grade Nitrogen and the 10% Oxygen rich Nitrogen required for <b>Agilent Chip Cube</b> .
Genius 3030	2 x 12L/min N2 2 x 24 L/min Dry Air 2 x 8 L/min Dry Air	100 psi / 6.9 bar	Nitrogen generator developed to supply two <b>AB SCIEX</b> LC/MS instruments, with independent control.
Genius 3031	16 L/min N2 25 L/min Dry Air 24 L/min Dry Air	80 psi / 5.5 bar 110 psi / 6.9 bar 60 psi / 4.1 bar	Nitrogen generator designed to supply <b>AB SCIEX 6500</b> or other <b>AB SCIEX</b> LC/MS with high flow requirement.
Genius 3040	1 x 32 L/min N2 1 x 12 L/min N2 24 L/min Dry Air 2 x 8 L/min Dry Air	100 psi / 6.9 bar 80 psi / 5.5 bar 110 psi / 6.9 bar 60 psi / 4.1 bar	Designed to supply one <b>AB SCIEX</b> LC/MS system, up to and including the 5600. In addition the generator includes a separate 32L/min of LC/MS grade Nitrogen available for a second LC/MS instrument.
Genius 3045	32 L/min N2 50 L/min Dry Air	100 psi / 6.9 bar	The Genius 3045 Nitrogen Generator is specifically designed for use with the <b>Bruker EVOQ Triple Quad</b> . This generator will supply a single application and provide Nitrogen gas as well as a separate Dry Air output.

## Infinity Series

The Infinity series delivers performance and value far beyond expectations. Offering a pure and reliable source of gas, these perpetual flow Nitrogen generators are suitable for a variety of applications in your laboratory.

Expertly designed by Peak Scientific's knowledgeable Engineering team, the Infinity 50 series will offer a single generator solution for up to 16 LC/MS instruments whereas the Infinity 90 series offers a single generator solution for one or multiple Nitrogen evaporators.

“One Peak Infinity generator will supply multiple applications and remove the need for costly cylinders and reduce your carbon footprint enormously.”



Pictured: Infinity 1031 & Infinity 5010



#### Features & Benefits:

##### Durable

Few moving parts with minimum maintenance requirements

##### Single Source Solution

One generator can cater for the requirements of multiple applications and multiple laboratories on site

##### Quiet

Completely silent in operation

##### Mobile

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

##### 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

##### Eco-Friendly

Onsite gas generation considerably reduces your carbon footprint

##### Experience

Preferred choice supplier of many instruments manufacturers

Model	Flow Rate / Gas Type	Pressure	Application
<b>Infinity 1031</b>	1 x 18 L/min N2 1 x 26 L/min Dry Air 1 x 25 L/min Dry Air	60 psi / 4.1 bar 100 psi / 6.9 bar 60 psi / 4.1 bar	1 x AB Sciex - Full Range
<b>Infinity 1032</b>	1 x 36 L/min N2 1 x 52 L/min Dry Air 1 x 50 L/min Dry Air	60 psi / 4.1 bar 100 psi / 6.9 bar 60 psi / 4.1 bar	2 x AB Sciex - Full Range
<b>Infinity 1033</b>	1 x 54 L/min N2 1 x 78 L/min Dry Air 1 x 75 L/min Dry Air	60 psi / 4.1 bar 100 psi / 6.9 bar 60 psi / 4.1 bar	4 x AB Sciex - Full Range
<b>Infinity 1034</b>	1 x 72 L/min N2 1 x 104 L/min Dry Air 1 x 100 L/min Dry Air	60 psi / 4.1 bar 100 psi / 6.9 bar 60 psi / 4.1 bar	6 x AB Sciex - Full Range
<b>Infinity NM18L</b>	18 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity NM32L</b>	32 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5010</b>	60 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5020</b>	120 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5030</b>	180 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5040</b>	240 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5050</b>	300 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5060</b>	360 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5070</b>	420 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 5080</b>	480 L/min N2	100 psi / 6.9 bar	LC/MS
<b>Infinity 9010</b>	140 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9020</b>	280 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9030</b>	420 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9040</b>	560 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9050</b>	700 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9060</b>	840 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9070</b>	980 L/min N2	100 psi / 6.9 bar	Turbovap
<b>Infinity 9080</b>	1120 L/min N2	100 psi / 6.9 bar	Turbovap

## Hydrogen Generators

More often than not, which generator model we recommend comes down to the 'limit of detection' you are looking for in your GC results. The lower the limit of detection, the purer the gases need to be as you will be looking for the lowest possible baseline to achieve the most precise results.

This is why Peak Scientific offers a Standard Analysis Gas Generator as well as a Trace Analysis Gas Generator solution.

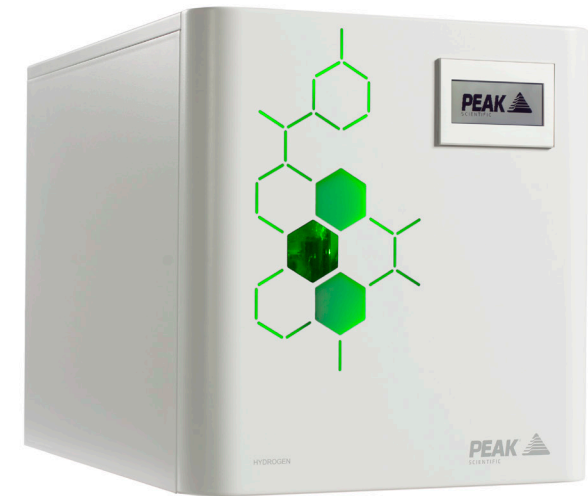
“Peak Scientific has a presence on every continent and we export to 126 countries worldwide.”

### Hydrogen Generator Precision Hydrogen

Technical Specifications	100cc	200cc	300cc	450cc
Flow Rate	100 cc/min	200 cc/min	300 cc/min	450 cc/min
Purity	99.9995%	99.9995%	99.9995%	99.9995%
Pressure	0-100 psi / 0-6.9 bar	0-100 psi / 0-6.9 bar	0-100 psi / 0-6.9 bar	0-100 psi / 0-6.9 bar

### Hydrogen Generator Precision Hydrogen Trace

Technical Specifications	500cc
Hydrogen	500 cc/min
Purity	99.9999%
Moisture	<1ppm
Pressure	0-100 psi / 0-6.9 bar



Pictured: Precision Hydrogen Series



## Features & Benefits:

### Improved Analysis Results

Hydrogen as a carrier gas allows lower detection limits

### Cost

Hydrogen is a less expensive alternative to Helium

### Efficiency

Allows up to 35% faster analysis

### Safe

Proven PEM Technology to generate Hydrogen safely and reliably

### Pure

Regenerative PSA Dryers to ensure highest level of purity

### Low Maintenance

Maintenance limited to replacing de-ionizer cartridge

### Other Features

Automatic loading pump as standard

Short and easy start-up and shutdown procedures

Creates Hydrogen on demand, minimal storage of Hydrogen in the system

Internal leak detection with automatic shutdown features

Series option to combine multiple units for higher flow requirements

Remote shutdown

GC In Oven Hydrogen Leak Detector available as an optional extra

## About Helium and Hydrogen...

Helium is considered by many working with GC to be the carrier gas of choice. It is inert, relatively safe and does its chromatographic job very well. However, as a finite resource, Helium is rapidly increasing in price and its long-term availability is not guaranteed to GC users.

As a result, many GC labs and instrument manufacturers are now making a switch from Helium to Hydrogen. By switching to Hydrogen, users will discover a number of advantages in terms of performance, cost and availability, as well as Hydrogen being a renewable resource.

### There are major benefits of using Hydrogen as your carrier gas:

- Increased speed: increasing the linear velocity of your carrier gas allows for shorter run times, thereby increasing the throughput of your laboratory samples. Hydrogen out performs Helium at higher velocities (see van Deemter curve, below right) meaning quicker run times without compromising sensitivity.
- Use of shorter, narrower bore columns with Hydrogen carrier gas can improve detection of samples in less time without the need to work at high inlet pressures.
- Lower temperature separations: with lower elution temperatures of analytes, it may be possible to reduce the maximum GC oven temperature needed for your analysis.
- Availability: Hydrogen is readily available through the electrolysis of water and with a Peak Gas Generator can be generated on demand.
- Environmentally friendly: Hydrogen is widely regarded as a green gas because it disperses rapidly into the atmosphere and is non-polluting.

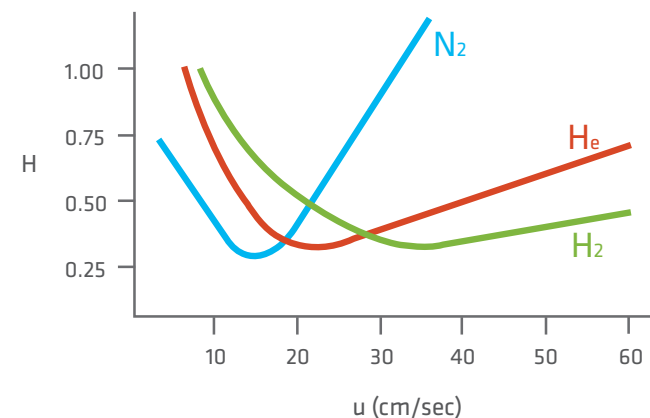
### What about safety?

Hydrogen gas is already being used commonly in the laboratory for a variety of purposes. It is the fuel used on the most commonly used detectors (FID) and is therefore already present in most GC Labs.

Nevertheless we understand any concerns you may have and have therefore incorporated numerous safety features in our Hydrogen Generators' design:

- Minimal storage of hydrogen
- Automatic shut down on leak detection
- Mechanical shut down fail safe
- Hydrogen generation on demand

For extra peace of mind, Peak Scientific have further developed a Hydrogen Detector, which can be connected to your GC, measuring the Hydrogen content within the GC oven and alerting you before there is a critical build up.



## PSA Nitrogen Generators

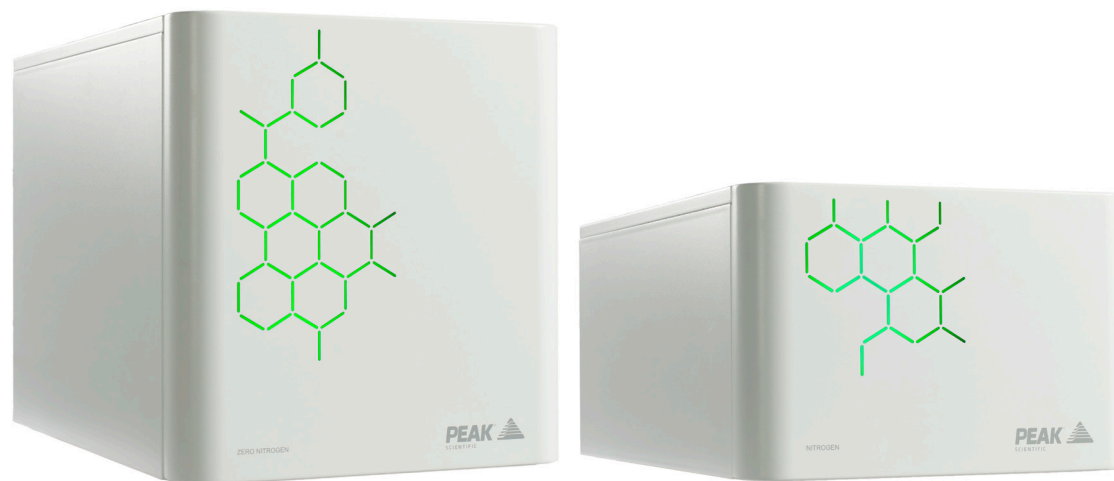
Pressure Swing Adsorption (PSA) has been employed for decades and is the preferred choice for generating Ultra High Purity Nitrogen at low flow rates.

The technology is self-regenerating, offering you a reliable and durable source of Ultra High Purity Nitrogen with little need for attention.

At Peak Scientific we understand the needs of laboratories and the people who work in them. The lab is a unique environment demanding precision, accuracy, reliability and design steeped in functionality.

We have made our latest systems modular with space saving stackable design offering a GC gas supply solution specific to your lab. In addition we have incorporated an optional Air Compressor for labs without in-house air supplies.

“We are proud to support advances in science with over 10,000 of our products in your laboratories.”



Pictured: Precision Nitrogen Series



They just work, and work, and work, and work ...

**Regenerative PSA Technology** makes this possible: the purity of Nitrogen generators is always as stated and does not decrease over time - not to mention Peak's long record of reliability.

**Purity**

Although PSA generated Nitrogen may still contain traces of Argon, the output purity exceeds UHP cylinder gas specifications - and it is more cost effective as well!

**Single Source Solution**

One generator can cater for the requirements of multiple applications.

**Simple but Effective**

They are easy to install, easy to maintain, easy to use and easy on the eye as they are small enough to be placed anywhere in your lab.

**A Real Cost Saver**

No more reordering, storing and changing of cylinder gas- saving you money all along the way.

**Precision Features & Benefits:**

- Suitable for Carrier Gas and Make Up Gas at both trace & standard detection limits
- Generates Nitrogen or Zero Nitrogen on demand from compressed air
- Regenerative CMS columns remove Oxygen and moisture
- Catalyst chamber to remove Hydrocarbons (as methane) to <0.05ppm in Trace system
- Ultra fast start-up time
- Minimum maintenance with an annual filter change
- Small and stackable

## High Purity Nitrogen Generators Precision Nitrogen

	250cc	600cc	1000cc
<b>Flow Rate</b>	250 cc/min	600 cc/min	1,000 cc/min
<b>Nitrogen Purity*</b>	99.9995%	99.9995%	99.9995%
<b>Pressure</b>	80psi / 5.5 bar	80psi / 5.5 bar	80psi / 5.5 bar

## High Purity Nitrogen Generators Precision Nitrogen Trace

	250cc	600cc
<b>Flow Rate</b>	250 cc/min	600 cc/min
<b>Hydrocarbon Content (as methane)</b>	<0.05ppm	
<b>Nitrogen Purity*</b>	99.9995%	99.9995%
<b>Pressure</b>	80psi / 5.5 bar	80psi / 5.5 bar

## High Purity Nitrogen Generators NG Range

	NG2000(A)	NG3000(A)	NG4000(A)
<b>Flow Rate</b>	2,000 cc/min	3,000 cc/min	4,000 cc/min
<b>Nitrogen Purity*</b>	99.9995%	99.9995%	99.9995%
<b>Pressure</b>	80psi / 5.5 bar	80psi / 5.5 bar	80psi / 5.5 bar

\*Nitrogen Purity measured in terms of Oxygen content.

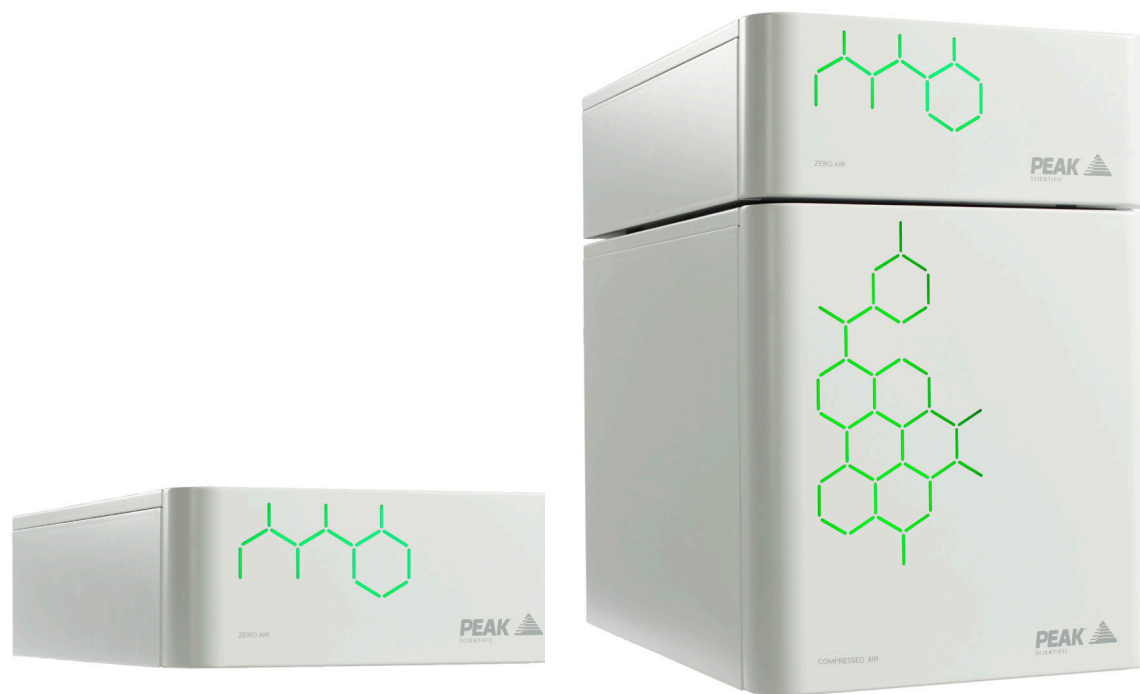
## Zero Air Generators

The catalyst chambers inside our Zero Air Generators make sure compressed air is stripped of hydrocarbons (as methane) before it is fed into your application.

Available in a stackable format with optional Air Compressor up to 3.5 l/min as well as larger format systems that will produce up to 30 l/min dependent or independent from external air supplies, Peak Zero Air Generators can fulfill all of your requirements.

Of course, minimal maintenance and a long, trouble-free Generator life come as a Peak standard.

“At Peak, we work as a team to help ensure the best solution for our customers. The robust designs, simple installation and minimal maintenance mean we can offer you long-term value for money.”



Pictured: Precision Zero Air & Precision Zero Air with Air Compressor



#### Features & Benefits:

Complete Convenience

No more changing cylinders! Save not only the time and money, but also the need to recalibrate your instrument.

- Generates Zero Air on demand from compressed air
- Catalyst chamber to remove Hydrocarbons (as methane) to <0.05ppm
- Minimum maintenance with an annual filter change
- Small and stackable

## Zero Air Generators Precision Zero Air

	1.5L	3.5L
Flow Rate	1,500 cc/min	3,500 cc/min
Hydrocarbon Content (as methane)	<0.05ppm	
Pressure	80psi / 5.5 bar	

## Compressed Air Generators Precision Air Compressor

- Suitable for a variety of Precision Generator combinations
- Minimal noise emission due to insulated compressor compartment
- Minimal vibration through especially developed compressor anti-vibration mounts
- Compressor service indication
- Serviceable compressor

## Zero Air Generators ZA Range

	ZA070(A)	ZA180(A)	ZA300
Flow Rate	7,000cc/min	18,000 cc/min	30,000 cc/min
Hydrocarbon Content (as methane)	<1.0 ppm		
Pressure	80psi / 5.5 bar		

## Fusion 1010

Peak's Fusion 1010 ingeniously provides two high purity gases from one system and has a unique 'rapid restart' control allowing it to be operational again after any power cut in a fraction of the time normally required. A huge benefit in areas where power supply is erratic, Fusion 1010 delivers reliable high performance in the laboratory. Designed specifically for use with GC- ECD and GC- FID. It may also be used with THA applications.

Zero Nitrogen	0.6 L/min @ 7.6 bar - 0.021 CFM @ 80 psi
Zero Nitrogen Purity (O2 content)	99.9995%
Zero Nitrogen Hydrocarbon Content (as Methane)	< 0.1ppm
Zero Air	1.5 L/min @ 60 psi - 0.052 CFM @ 4.14 bar
Zero Air Hydrocarbon Content (as Methane)	< 0.1ppm
Internal Air Compressor	Yes

“Peak exclusively source robust, high performance parts to ensure our generators are safe, reliable and meet your performance needs in the lab.”



Pictured: Fusion 1010



#### Features & Benefits:

##### **Zero Nitrogen & Zero Air**

Catalyst chamber ensures removal of Hydrocarbons to < 0.1ppm

##### **Unique Design**

Only gas generator to supply Zero Nitrogen and Zero Air from two separate outlets whilst the internal air compressor ensures independence from external air sources

##### **Optimum Analysis**

Zero Nitrogen and Zero Air for improved stability and greater reproduction of results with guaranteed purity

##### **Rapid Restart**

Fusion 1010 has been designed to allow for almost immediate supply of Zero Nitrogen and Zero Air after power-cuts of up to 20 minutes

##### **Quiet in Operation**

Not audible in normal working lab environment

##### **Mobile**

Flexibility to position generator where required, even under standard lab bench, our generators are supplied with caster wheels for easy mobility

##### **Support**

Our world class after sales service comes as standard



Ryan Scott (Peak Technician)



## Our other Gas Generators

Over the years Peak Scientific has developed a wide range of air purifiers which cater for the requirements of various applications, such as FT-IR, TOC and CO2 Analyzers.

Most of these products offer gas free of organic contaminants, such as Carbon Oxides and Hydrocarbons making them ideal for environmental analysis.

We also manufacture a range of basic air dryers that can be used to prevent moisture contamination through in house air or other air sources.

“All of our generators offer superb technical performance in the lab and, of course our world class after sales service comes as standard!”



Pictured: STOCA & TOC1500

### Features & Benefits:

#### Reliability

Sturdy design ensures maximum uptime of your application

#### Purity

Clean, dry carbon dioxide and hydrocarbon free air

#### Mobile

Flexibility to position generator where required

#### Simple Installation

Designed as plug & play system

#### 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

## TOC

	TOC1500	TOC1500HP	SCTOCA
Flow Rate	1,500 cc/min	1,500 cc/min	500 cc/min
CH4 Content as methane	<2.0 ppm	<0.1 ppm	<0.1 ppm
CO2 Content	<1.0 ppm	<1.0 ppm	<1.0 ppm
CO Content	n/a	n/a	<1.0 ppm
SOX Content	n/a	n/a	<1.0 ppm
Pressure	90-115 psi / 6.2-7.9 bar (input dependant)	90-115 psi / 6.2-7.9 bar (input dependant)	80 psi / 5.5 bar

## Purge Gas

	PG14L	PG28L	PG85L
Flow Rate	14 L/min	28 L/min	85 L/min
CO2 Content	< 1.0ppm	< 1.0ppm	< 1.0ppm
Pressure	100psi / 6.9 bar	100psi / 6.9 bar	100psi / 6.9 bar

## Calibration Gas

	CG15L	CG22L
Flow Rate	15 L/min	22 L/min
CO2	1.0ppm	1.0ppm
CO	1.0ppm	1.0ppm
THC	0.1ppm	0.1ppm
Pressure	100 psi / 6.9 bar	100 psi / 6.9 bar

## Air Dryers

	AD70L	AD140L	AD302L	AD1010L
Flow Rate	70 L/min	140 L/min	302 L/min	1010 L/min
Dewpoint	-70°c/- 94°f	-70°c/- 94°f	-70°c/- 94°f	-70°c/- 94°f
Pressure	95-115 psi / 6.5-7.9 bar (input dependant)			



## Accessorize with Peak

Gas generators are very straight forward and need very little in the way of accessories. There are just a couple of things you may want to consider for your laboratory:

### Hydrogen Detector

Hydrogen is a combustible gas and we understand the safety concerns associated. To offer that extra peace of mind we developed a Hydrogen Detector, which can connect to the Precision Hydrogen Trace in order for your GC to be able detect a potentially dangerous build-up of Hydrogen inside the GC Oven.

### Hydrogen Interconnection Cable

If you would like multiple Precision Hydrogen Trace Generators to work together to offer a source of Hydrogen to meet your lab requirements you will require this Interconnection Cable. One cable is required for every pair of Precision Hydrogen Trace Generators to work in series mode.

### Boost Transformers

If your power supply does not quite offer the voltage required by our gas generators, you can use these Peak approved Boost Transformers to ensure the technical requirements are met.

### Service Kits

Our service kits are not really accessories for our generators, but a vital part in maintaining the system's performance. We recommend for every Peak Generator user, who has not opted in to one of our service plan options, to purchase these Service Kits on an annual basis. Your User Manual should highlight the appropriate service kit for your generator, but please feel free to contact our service team for advice.

“We test all Peak gas generators under strict conditions to ensure you receive the highest quality as well as value for money.”



Pictured: Precision Hydrogen Detector



**We've repeatedly won the Queen's Award  
for International Trade for a reason!**

12 offices

Export to 126 countries worldwide

Presence on every continent

Worldwide service & support structure

Network of trained and authorised distributors in  
over 70 countries

Genius products

Superb technical performance

Robust design

Simple installation

Minimal maintenance

Cost effective



THE QUEEN'S AWARDS  
FOR ENTERPRISE  
2011



Sean Bruce (Marketing Executive)  
Chris Pugh (Engineering Director)  
Stephen Murray (Global Training Manager)

## At Your Service

Peak Scientific's service department is here to help you achieve an optimum performance from your gas generator throughout its life.

We have service teams around the world dedicated to providing support to you and your lab's complex needs.

All of our Field Service Engineers are extensively trained and employed by Peak. We never use third parties.

Wherever you are and whatever your needs, we are never far away. We are proud of our service ethos - we take a step beyond traditional maintenance and repair, looking after your specific gas needs every step of the way.

So take it easy, relax. It's time to let Peak Scientific take the strain in the lab to ensure your generator maintains 'Peak' performance.

### Standard Service Plan

- Includes all the 'essentials' required to keep your generator fully functional
- Scheduled preventative maintenance
- Maximise uptime
- Reduce unforeseen breakdowns
- All service parts included
- 10% discount on additional parts

### Complete Service Plan

- Comprehensive solution
- Scheduled preventative maintenance
- Full breakdown cover
- All on-site labour and service repairs included
- Priority response time
- Complete peace of mind!

“We understand the high value of quality service and always deliver with a smile.”



Both our **Standard** and **Complete Plan** customers can also receive instant, remote support through our worldwide Technical Support Teams.

These specialists will work to diagnose any issues quickly and efficiently before recommending the correct course of action. They can often even provide a fix over the phone to help get you up and running even faster!



Maureen McCauley  
(Global Sales Co-ordinator)

## Service Plans in depth

There are several major advantages of a Peak Service Plan:

- Maximised generator productivity and sustained performance
- Preventative maintenance, designed to eliminate downtime
- Maintenance performed at your site, at your convenience
- Dedicated technical support hotline
- Fully certified extensively trained Engineers
- Guaranteed response times < 72 hours from call to fix
- Cost savings on adhoc service and repair
- Inclusive upgrade programmes
- Increased generator lifespan
- Choice of two support plans to suit your individual needs

Peak Service Plan Overview	Standard	Complete
<b>PM Visits</b>		
- Call out, labour, travel	✓	✓
- Service parts	✓	✓
- Function check	✓	✓
- Additional spare parts (if required)	x	✓
- Compressor refits / Replacements (if applicable)	x	✓
<b>Breakdowns</b>		
- Call out, labour, travel	x	✓
- Spare parts	x	✓
- Full breakdown cover	x	✓
- All on-site breakdown visits included	x	✓
<b>Guaranteed Response Time</b>	x	✓
<b>System Upgrades (if applicable)</b>	x	✓
<b>Flexible Payment</b>	x	✓

“I made a call to Peak Scientific’s service line, expecting our mass spectrometer to be down for a couple of days, but in less than two hours an engineer was on site and the problem was fixed within the hour.” (Lee Skinner, Lab Manager, Battelle UK)





The Peak Team



# Locations



To order any of our products, please simply send an email stating the desired generator model to your account manager or [orders@peakscientific.com](mailto:orders@peakscientific.com)

## Contact Information

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