

Your local **gas generation** partner



Gas Generators

For Thermo Fisher Scientific Instruments

ThermoFisher
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Our story

THE PEAK WAY



PEAK Scientific is a leading innovator in the design, manufacture and support of high performance gas generators for analytical laboratories. Established in the UK in 1997 near Glasgow (Scotland), where our corporate Headquarters and high-tech manufacturing and R&D facilities reside, PEAK Scientific boasts a significant local presence on every continent - including major operations in North America, China and India.

With two decades of experience in pioneering reliable gas generator technology, PEAK Scientific develops market-leading nitrogen, hydrogen and zero air systems mainly for the field of LC-MS (Liquid Chromatography-Mass Spectrometry) and GC (Gas Chromatography).

What differentiates us is our world-class technical support and on-going service care throughout the generator's lifespan, wherever you may be in the world.

MANUFACTURING EXCELLENCE



Our products are the result of our meticulous Research and Development culture, built over more than 20 years at the forefront of the gas generator market. We pride ourselves on the greatest care taken to assess specific application needs before designing and rigorously testing new products. As we have expanded, our R&D capabilities have advanced to the point where we are better equipped than ever to meet changing market demands. By implementing the latest manufacturing technologies and philosophies, PEAK continues to improve product quality, responsiveness and efficiency - resulting in a better value proposition for our customers. Every PEAK Scientific generator is designed from our ISO 9001:2015 accredited manufacturing center of excellence in the UK and independently tested to ensure compliance with all applicable safety standards.

Our story

PEAK AND THERMO FISHER SCIENTIFIC

Thermo Fisher Scientific is a global manufacturer and distributor of mass spectrometers and analytical tools headquartered in Waltham, Massachusetts. Thermo Fisher Scientific and PEAK Scientific have been working in conjunction since the production of the NG10LA generator in 1998. Since then, PEAK has produced several dedicated gas generator solutions for Thermo Fisher Scientific applications including the N418LA the Corona system and most recently our Genius XE products.

DEDICATED GAS SOLUTION

Product Managers and Engineers from both organizations are in constant contact throughout the New Product Development process to ensure PEAK's products meet and exceed the specific gas requirements of Thermo Fisher Scientific's range of LC-MS and other instruments.

There is a PEAK Scientific gas generator solution to match any of the Thermo Fisher-Scientific LC-MS instruments. PEAK have engineered purposely built generators, to meet the most efficient operating standards of Thermo Fisher Scientific instruments, for the MSQ, LTQ, LCQ, TSQ and Exactive series of mass spectrometers as well as solutions for Orbitrap instruments and the ISQ EC Single Quad LC-MS.

ThermoFisher S C I E N T I F I C

Our story

PEAK PERFORMERS: OUR WORLD-CLASS PRODUCT PLATFORMS

Four distinct product series define our core offering to supply Thermo Fisher Scientific analytical laboratory instruments. Our best-selling Genius XE Series, designed mainly for LC-MS applications, is a self-contained system featuring integrated compressors, delivering analytical-grade nitrogen at various pressures and flow rates.

The Infinity XE & Solaris XE Series of nitrogen gas generators are silent-running compressor-free systems for laboratories with an in-house supply of clean, dry air - delivering a wide range of flow rates including high-flow for applications such as sample evaporation or multiple mass-spec instruments.

PEAK has also engineered a specialist solution for the Corona VEO Charged Aerosol Detector. The Corona 1010A delivers ultra-high purity nitrogen for this specific Thermo Fisher Scientific instrument.

Engineered specifically to meet the needs of Gas Chromatography our cutting-edge Intura Series is a modular system consisting of high-purity nitrogen, hydrogen and zero air generators.



Application Matrix

Application	Requirements				Notes	Solution
	Gas Type	Flow Rate	Pressure	Purity		
LCQ Fleet	Nitrogen	21LPM	80-120psi	99%		Genius XE35 Solaris XE
LCQ DECA XP+	Nitrogen	30LPM	100psi	99%		Genius XE35 Solaris XE
Finnigan LTQ	Nitrogen	21LPM	80-120psi	99%		Genius XE35 Solaris XE
	UHP Nitrogen		80-120psi	100%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Finnigan LTQ CL/ ETD Ready	Nitrogen	21LPM	80-120psi	99%		Genius XE35 Solaris XE
	UHP Nitrogen		80-120psi	99.999%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
LTQ Orbitrap XL/ ETD Ready	Nitrogen	30LPM	100psi	99%		Genius XE35 Solaris XE
	UHP Nitrogen				optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
LTQ MALDI	Nitrogen	30LPM	100psi	99%		Genius XE35 Solaris XE
Velos Pro Dual Ion Trap/ ETD Ready	Nitrogen	21LPM	80-100psi	99%		Genius XE35 Solaris XE
	UHP Nitrogen	1cc/min	80-120psi	99.999%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Fusion Lumos/ ETD Ready	Nitrogen	up to 21LPM	80-100psi	99.5%		Genius XE35 Solaris XE
	UHP Nitrogen	1cc/min	80-120psi	99.999%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Fusion/ Tribrid	Nitrogen	21LPM	80-100psi	99%		Genius XE35 Solaris XE
	UHP Nitrogen	1cc/min	80-120psi	99.999%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Fusion Basic/ ETD Ready/ IC Ready	Nitrogen	17-21LPM		99.5%		Genius XE35 Solaris XE
	UHP Nitrogen				optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Velos/ Pro Hybrid	Nitrogen	15LPM	80-100psi	99.5%		Genius XE35 Solaris XE
	UHP Nitrogen	1cc/min	80-120psi	99.999%	optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Elite/ ETD Ready	Nitrogen	15LPM	80-100psi	99.5%		Genius XE35 Solaris XE
					optional for ETD, flow likely too low, not viable for separate generator	Collision Gas Add On (with XE35/70)
Orbitrap Exploris 120/ 240/ 480/ MX	Nitrogen	up to 45LPM	87-95psi	95% or better	Some Thermo Exploris Site Requirement documents state the instrument needs a gas supply of 45LPM. Speaking to Thermo the typical usage is about 21LPM and therefore a Genius XE35 will more than suffice for vast majority of users. Thermo themselves position Genius XE35 for these instruments.	Genius XE35
Thermo Stellar MS	Nitrogen	up to 45LPM	100psi	95% or better	add same comment as under Thermo Exploris Notes	Genius XE35/ Solaris XE

Application Matrix

Application	Requirements				Notes	Solution
	Gas Type	Flow Rate	Pressure	Purity		
Orbitrap Astral/ Astral ZOOM	Nitrogen	up to 35LPM	100psi	99%		Genius XE35 Solaris XE
Orbitrap Excedion Pro	Nitrogen	up to 35LPM	100psi			Genius XE35 Solaris XE
Orbitrap Eclipse	Nitrogen	up to 21LPM				Genius XE35 Solaris XE
	UHP Helium	tbx	tbx	99.999%	less than 1ppm each of water, oxygen, and total hydrocarbons	n/a
[LEGACY] Cascadion	Nitrogen	20LPM	up to 100psi		medical devices, do not sell directly- contact Peak's Thermo KAM	n/a
Q-Exactive	Nitrogen	30LPM	116psi	99%	applies to all Q-Exactive variants: Hybrid Quadrupole, Focus, Plus, Plus Orbitrap and Plus EMR	Genius XE35 Solaris XE
Q-Exactive HF/ HF-X	Nitrogen	45LPM	100psi	99%		Genius XE70 Infinity XE 6010
Q-Exactive UHMR M5	Nitrogen	12LPM	116+/-4psi	99%		Horizon 24 Solaris XE
	HPC Nitrogen			99.999%		Intura N2 1000 / Intura N2 ZA 1000
	HPC SF6 Gas			99.995%		
Exactive Plus/ HCD/ EMR HCD	Nitrogen	30LPM	116psi	99%		Genius XE35 Solaris XE
TSQ Quantum/ Quantum Ultra	Nitrogen	21LPM	110psi	99%		Genius XE35 Solaris XE
TSQ Endura	Nitrogen	21LPM	110psi	99%		Genius XE35 Solaris XE
TSQ Endura MD	Nitrogen			99%		Genius XE35 Solaris XE
TSQ Quantis	Nitrogen	up to 17LPM		99%		Genius XE35 Solaris XE
TSQ Quantum Access Max	Nitrogen			99%		Genius XE35 Solaris XE
TSQ Quantiva	Nitrogen	21LPM	110psi	99%		Genius XE35 Solaris XE
TSQ Altis	Nitrogen	up to 21LPM		99%		Genius XE35 Solaris XE
TSQ Altis/ Quantis/ Fortis PLUS	Nitrogen	23-55LPM	100+/-20psi	99%		Genius XE35/ Genius XE70 Solaris XE/ Infinity XE 6010
LXQ Linear	Nitrogen	15LPM	up to 100psi	99%		Genius XE35 Solaris XE
Stellar M5	Nitrogen	up to 35LPM	116psi	99%		Genius XE35 Solaris XE
	Nitrogen	up to 200cc/min	100psi	99.999%		Collision add-on
Thermo LC-MS with HESI or HESI-II probe attachment	Nitrogen	up to 40LPM	up to 100psi		Recommended settings don't exceed 25LPM; max gas settings with HESI probe, N2 can go up to 40LPM. Thermo state these high flow settings are unlikely as they would degrade the signal. Verify with customer.	Genius XE35 Genius XE70 Solaris XE Infinity XE 6010
Orbitrap IOX	Helium	19cc/min	116+/-4psi	99%		
	Nitrogen	0.9LPM	116+/-4psi	99.999%		Intura N2 1000 / Intura N2 ZA 1000
	Nitrogen	24-55LPM	116+/-4psi	99.995%		Horizon 24 Solaris XE

Application Matrix

Depending on LC-MS model and operation mode, FAIMS gas requirements can vary significantly. Please see below table for detail by LC-MS model and analysis mode.

Application	Requirements				
	Gas Type	Flow Rate by Gas Type	Total Flow Rate	Total N2 Consumption	Solution
OrbiTrap Exploris 480**	Nitrogen	Cooling Gas: 5/ 12.5LPM Carrier Gas: 4.7LPM User Gas: up to 3LPM	Standard Resolution: up to 12.7LPM High Resolution: 20.2LPM*	Genius XE35 Solaris XE	Genius XE 35
OrbiTrap Eclipse**	Nitrogen	Cooling Gas: 5/ 12.5LPM Carrier Gas: 4.7LPM User Gas: up to 3LPM	Standard Resolution: up to 12.7LPM High Resolution: 20.2LPM	Genius XE35 Solaris XE	Genius XE 35
OrbiTrap Fusion Lumos**	Nitrogen	Cooling Gas: 5/ 12.5LPM Carrier Gas: 4.7LPM User Gas: up to 3LPM*	Standard Resolution: up to 12.7LPM High Resolution: 20.2LPM	Genius XE35 Solaris XE	Genius XE 35
TSQ Altis**	Nitrogen	Cooling Gas: 5/ 12.5LPM Carrier Gas: 4.7LPM User Gas: up to 3LPM	Standard Resolution: up to 12.7LPM High Resolution: 20.2LPM	Genius XE35 Solaris XE	Genius XE 70
OrbiTrap Exploris 240**	Nitrogen	Cooling Gas: 5/ 12.5LPM Carrier Gas: 1.3LPM User Gas: up to 3LPM	Standard Resolution: up to 9.3LPM High Resolution: 16.8LPM	Genius XE35 Solaris XE	Genius XE 35
Quantis	Nitrogen		NSI Mode: 20.5LPM ESI Mode: 36LPM*	Genius XE35 Solaris XE	Genius XE 70
Altis	Nitrogen		NSI Mode: 28.7LPM ESI Mode: 44.2LPM	Genius XE35/ Solaris XE Genius XE70/ Infinity XE6010	Genius XE 35
Quantiva	Nitrogen		NSI Mode: 31.9LPM ESI Mode: 47.4LPM	Genius XE35/ Solaris XE Genius XE70/ Infinity XE6010	Genius XE 35
Fusion	Nitrogen		NSI Mode: 20.5LPM ESI Mode: 36LPM*	Genius XE35 Solaris XE	Genius XE 35
Lumos	Nitrogen		NSI Mode: 28.7LPM ESI Mode: 44.2LPM	Genius XE35/ Solaris XE Genius XE70/ Infinity XE6010	Genius XE 70

Application Matrix

Application	Requirements				Notes	Solution
	Gas Type	Flow Rate	Pressure	Purity		
ASE 150/ 200/ 300	Nitrogen		140-200psi	99.99%	150psi is recommended. UHP N2 is required for methods using a very clean baseline ECD	Genius 1053 + pressure booster
	Dry Air		min 100psi		only optional requirement	qualify flow rate
ASE 350	Nitrogen	5LPM	140-200psi	99.99%	150psi is recommended. UHP N2 is required for methods using a very clean baseline ECD	Genius 1053 + pressure booster
	Dry Air (optional)		60-120psi		only optional requirement	qualify flow rate
AutoTrace SPE	Nitrogen		max 100psi	inert	typical operation pressure is 20psi, only inert gases such as Nitrogen, Argon should be used for the 'Dry with Gas' step	qualify flow rate
Corona Veo/ Veo RS CAD	Nitrogen	up to 5LPM	80psi	98%		Corona 1010A Corona 1010 (nitrogen only)
Corona Ultra CAD	Nitrogen	up to 4LPM	80psi	98%	free of volatile Hydrocarbons	Corona 1010A Corona 1010 (nitrogen only)
(ESA) Corona CAD	Nitrogen	up to 5LPM	35psi	98%		Corona 1010A Corona 1010 (nitrogen only)
Rheology Q Series	Nitrogen	100cc/min	10-20psi	99.999%		Precision Nitrogen 250 (Optional: Precision Air Compressor)
ICAP Q ICP-OES	Argon	up to 24LPM				n/a
	Helium	10cc/min			Collision Gas	
	Oxygen	up to 1LPM			Organic Solvents	
	Helium	up to 1LPM			Laser Adsorption	
ICAP 6000 Series	Argon	up to 25LPM				n/a
	Nitrogen	up to 15LPM	80psi	99.998%	for purging optical path, highest flow typically used only after install/ service	Genius 1053
ICAP 7000 Series	Argon	up to 25LPM				n/a
	Nitrogen	up to 15LPM	90psi	99.998%	for purging optical path, highest flow typically used only after install/ service	Genius 1053
Thermo Nicolet FT-IT Spectrometer (4700, 5700, 6700, 8700, i550)	"Dry Air Nitrogen"	14.2LPM	40psi	" -70C dewpoint CO2 <1ppm"	Purge gas	PG28L
	Smart Purge			" -70C dewpoint CO2 <1ppm"		qualify with customer
HCL gas analyser	Nitrogen	up to 15LPM	80psi	99%		Genius 1053
Harshaw TLD Model 5500	Nitrogen	5.8LPM	30psi		reader thermoluminescence Detector (TLD)	Solaris 1010A/ Solaris 10
Harshaw TLD Model 6600 Plus	Nitrogen	0.4LPM-14LPM				Horizen 24 Solaris XE
IOIN PGM/ Proton Sequencer (DNA Sequencing)	Nitrogen	2LPM	35-45psi	99.995%		NG5000(A)

Application Matrix

Application	Requirements				Notes	Solution
	Gas Type	Flow Rate	Pressure	Purity		
Reacti-Vap Evaporator	Nitrogen	0.6LPM	2psi	99.996%		Intura N2 600 / Intura N2iZA 600
Transmission Electron Microscope	Nitrogen	30LPM	up to 116psi	99.999%		iFlow Mini
ISQ EC/EM	Nitrogen	30LPM	90-110psi	99%	In stand-by the instrumen consumes up to 15LPM	Genius XE35 Solaris XE
Reacti-Thermo	Nitrogen	4.5LPM	2psi			NC5000(A)
[LEGACY] Acrlon	Nitrogen	4LPM	116psi	98%	medical devices, do not sell directly- contact Peak's Thermo KAM	n/a
[LEGACY] MSQ/ MSQ+ LC/MS	Nitrogen	up to 12LPM	75psi	99%		Horizen 24 Solaris XE
[LEGACY] SE 400/500	Nitrogen		20psi			qualify flow rate
[LEGACY] ICS 900/ 1000/ 2000/ 3000/ 5000	Nitrogen		25-50psi	UHP/ CO2 free	Integriion Series Ion Chromatography System	qualify further
[LEGACY] Acquilon IC System	Nitrogen		80-120psi			qualify further
Extrema ASE	Nitrogen		350psi	99.99%	Optional only requirement	Genius 1053 + pressure booster
	Dry air (optional)		150psi			
Aquilos FIB Cryo-SEM	Nitrogen	250 SCCM	30psi		Dryness of gas is crucial	Genius 1053



Product

Genius XE Series

DESCRIPTION

Inspired by the success of our best-selling Genius line of nitrogen gas generators for LC-MS/MS, Genius XE Nitrogen is a cutting-edge evolution combining advanced technology with refined and robust engineering. With two models - XE 35 (up to 35 L/min) and XE 70 (up to 70 L/min) - Genius XE Nitrogen provides a premium standalone nitrogen solution for high performance LC-MS/MS and other mission-critical laboratory applications where performance and reliability are paramount.

Features

- Variable flow up to 70 L/min
- Variable pressure up to 116 psi
- Multi-Stage Purification™ producing analytical grade nitrogen gas up to 99.5% purity
- 2 year comprehensive manufacturer's warranty* with the option to extend up to 5 years**
- Touch-screen full colour user interface for ease of operation
- Additional compressor capacity (Genius XE 70 only)



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Genius XE 35	up to 35 L/min	Nitrogen	116psi / 8 bar	650 x 570 x 710 mm 25.2 x 22.5 x 28"	LC-MS/MS
Genius XE 70	up to 70 L/min	Nitrogen	116psi / 8 bar	1000 x 570 x 710 mm 23.6 x 29.5 x 28" in39.4 x 22.5 x 28"	LC-MS/MS

Product

Collision Gas Add-on

DESCRIPTION

Designed to work exclusively with our nitrogen generators, our Collision Gas Add-on supplies Ultra High Purity Nitrogen up to 200cc/min.

With a set purity of 99.999%, the Collision Gas Add-On produces high-quality flow. The Add-on will not impact the pressure or purity of the generators output flow, however, spareflow capacity must be available.

To provide a more sustainable option, the Collision Gas Add-on removes the need for cylinder use. Instead, it allows labs to draw nitrogen from their existing PEAK nitrogen generator to supply up to 200cc/min of nitrogen to their collision cell at a purity of up to 99.999%.

Features

- Can be added to Peak gas generator already working in the lab
- Ultra High Purity - 99.999% Nitrogen, at 200cc/min.*
- Removes unsafe and environmentally unfriendly cylinders from the lab
- On screen performance and alerts for generator status indication
- No risk of running out of gas in middle of analysis
- Compatible with the current Genius XE35, XE70, Horizon 24, Infinity XE and Solaris XE systems
- 2 year comprehensive manufacturer's warranty**with the option to extend up to 5 years***



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Collision Gas Add-On	up to 200 cc/min	Nitrogen	116 psi	165 x 360 x 420 mm 6.5 x 14.2 x 16.5"	Any LC-MS requiring UHP Nitrogen for Carrier Gas

Nitrogen generator providing main gas source to an instrument.(Genius XE35/70, Horizon 24, Infinity XE and Solaris XE systems ** For full terms and conditions visit www.peakscientific.com/warranty-statement * Available only in select regions when purchased directly from PEAK Scientific*



Product

Solaris XE

DESCRIPTION

PEAK Scientific's Solaris XE generator has been engineered using membrane technology to meet the gas delivery requirements for labs using LC-MS or multiple lower flow nitrogen instruments such as ELSDs or Compact Mass Spectrometers. Solaris XE can operate with varying flow rates (up to 35L/min of high purity nitrogen), purity (up to 99.5%) and outlet pressure can be adjusted down from 116psi, offering a flexible solution for a variety of applications.

Features

- Nitrogen up to 35L/min, up to 116 psi and up to 99.5% purity
- Variable outlet flow, pressure and purity
- Compact, stackable system maximizing the use of valuable laboratory floor or bench space
- Colour indicative LED lighting for easy status awareness
- Manufactured and tested to highest spec in UK, CE/FCC/CSA certified



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Solaris XE	35 L/min	Nitrogen	116psi / 8 bar	156 x 343 x 650 mm 6.2 x 13.5 x 25.6"	LC-MS, LC-MS/MS or Multiple ELSDs

Product

Infinity XE 6010

DESCRIPTION

Producing between 10-130 L/min of high purity nitrogen gas, the Infinity XE 6010 can comfortably supply multiple laboratory instruments. With a variable flow rate in relation to purity, set the flow rate you need to meet the total demands of the instruments in your lab.

Features

- Flow rates up to 130 L/min*
- N₂ purity up to 99.5%
- Versatile solution with varying Nitrogen flow, pressure & purity capabilities
- In-field expansion of nitrogen capacity to meet growing lab demands
- Optional second outlet for Dry Air



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Infinity XE 6010	up to 130 L/min	Nitrogen	135 psi	405 x 940 x 995 mm 15.9 x 37 x 39.2"	For multiple LC-MS/MS instruments

* Dependent on inlet pressure, inlet/outlet flow & Nitrogen purity setting

Product

Intura Hydrogen

DESCRIPTION

Designed to provide high-purity hydrogen for GC carrier and detector, as well as ICP-MS and hydrogenation applications. Intura Hydrogen is the safe and convenient alternative to cylinder gas supply. The Intura Hydrogen series can produce flow rates to suit your GC & GC-MS requirements up to 1500cc/min, with the ability to expand the capacity beyond 1500cc/min by connecting multiple generators using our daisy-chain feature.

Intura Hydrogen utilizes the latest Proton Exchange Membrane (PEM) cell technology to separate deionized water through electrolysis, alongside in-built water quality

Features

- 99.99999% hydrogen
- Variable flow and pressure up to 1500 cc/min at up to 175 psi
- Latest PEM technology, generating reliable and consistent source of hydrogen
- Compact design, saving valuable lab bench space
- Safe gas supply with low internal H₂ volume, internal leak detection and auto-shutdown
- Pressure water-fill option for additional ease of use
- 12-month comprehensive warranty with the option to extend up to 5 years*



Is your **method** compatible?
Find out here: peakscientific.com/method-list

* Available only in select regions when purchased directly from PEAK Scientific.

Product

Corona 1010A

DESCRIPTION

Our Corona 1010A has been engineered to meet the specifications of the Thermo Scientific Corona Veo Charged Aerosol Detector.

Features

- Suitable for applications requiring high purity nitrogen
- Available with or without an external compressor
- Dedicated solution for Thermo Fisher Scientific's Corona and Vanquish instruments
- Tried and tested membrane technology delivers laboratory-grade nitrogen
- Gas is supplied on demand so generator works to your schedule
- 12 month comprehensive on-site warranty with the option to extend up to 5 years*



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Corona 1010A	up to 5 L/min	Nitrogen	80 psi / 5.5 bar	406 x 417 x 540 mm 16 x 16.4 x 21.3 "	Thermo Fisher Scientific Corona Veo CAD, Dionex ERS/Vanquish CAD

** Available only in select regions when purchased directly from PEAK Scientific.*

Product

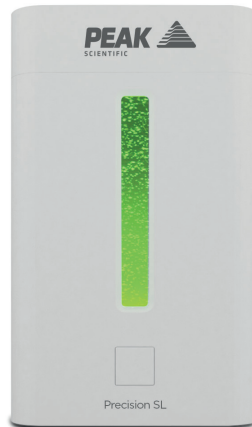
Precision Hydrogen SL

DESCRIPTION

The smallest hydrogen generator for GC-FID, the Precision hydrogen SL line has been developed to offer a streamlined laboratory-grade hydrogen gas solution for GC flame detectors at a purity of 99.9995%. Precision hydrogen SL is safe, simple to use, easy to maintain and takes up minimal bench space.

Features

- 2 models - 100cc and 200cc
- 99.9995% purity @ 100 psi
- One-button start-up and shutdown
- Easy end-user managed servicing
- Optional auto-water fill or pressurized water fill
- Auto-shutdown fail-safe feature



Product	Flow Rate	Gas Output	Pressure	Size (HxWxD)	Application
Precision SL	up to 200 cc/min	Hydrogen	100 psi / 6.9 bar	250 x 160 x 355 mm 9.9 x 6.3 x 14"	GC flame detectors

PEAK Protected

Safeguard your laboratory workflow with [**PEAK Protected**]TM

Servicing any equipment in your lab should not be seen as just an option, it should be treated as a necessity. With many moving parts and wear & tear, especially where generators feature integrated compressors, as well as filters and other 'consumables', a gas generator needs to be maintained regularly to continue to perform at its best for many years.

Here at PEAK we see your gas generator as the beating heart of your laboratory, enabling your analytical instruments to perform and achieve the results you need. With this being the case it is extremely important you look after your 'beating heart' to ensure the best possible results.

We offer a range of **[PEAK Protected]** services to suit your particular needs.



Complete Plan 24
Complete maintenance care with 24 hour rapid response breakdown cover



Complete Plan 48/72
Complete maintenance care with guaranteed response time breakdown cover



PM Plan+
Preventative Maintenance by a PEAK engineer at a time that suits you



Self-Service Plan
Maintenance support specifically for selected compressor-less generators



Paid Repairs
On-site repairs carried out by a certified PEAK FSE in case of a breakdown



Replacement Parts
Genuine parts with express delivery, ensuring optimal performance and lifetime



Installation
Trained PEAK FSE will visit to install and commission your generator



IQ/OQ
Certified assurance for applications requiring documented qualification



Technical Support Hotline
Around the clock support by phone or online with our global technical helpdesk with Visual Support

Not all warranties are equal.

What differentiates PEAK from other gas generator manufacturers is that a PEAK gas generator comes with a truly comprehensive on-site warranty. This means that in the unlikely event that your gas generator develops a problem, we will send a PEAK Certified Field Service Engineer to your laboratory to try to resolve the issue on-site and get you back up and running with minimal fuss and disruption.

What's more, when we say fully-comprehensive, we mean it. Every part of your generator is covered during warranty. While other manufacturer warranties may only cover certain components or require the return of your generator to the factory for repair, leaving you without gas for weeks or even months, our warranty is designed to give you complete peace of mind.

To find out more about our unique warranty, visit [**www.peakscientific.com/warranty**](http://www.peakscientific.com/warranty)

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