

Precision GC gas generators for the Oil & Gas Industry

Peak Scientific understands the unique issues that the Oil & Gas industry faces in the day to day running of the laboratory. When it comes to Gas Chromatography, many labs are seeking an alternative carrier gas due to the rising cost of Helium cylinders. For such labs, Peak Scientific's Precision Series of modular, stackable gas generators offers a solution that can bring faster run times and reduce hassle for lab technicians.

The total GC gas solution

Whether it be ASTM methods, [SIMDIS](#), [Detailed Hydrocarbon Analysis](#), Refinery Gas Analysis, petrochemical testing or polymer analysis. Peak Scientific's Precision Series supplies all of the GC carrier and detector gases in the form of stackable Nitrogen, Hydrogen and Zero Air gas generators.

Switching from Helium to Hydrogen

Changing carrier gas can sometimes be viewed as a hassle, however, the process is simple and with Peak Scientific we are here to help you through the process. Our GC experts have created a [step by step guide](#) on switching carrier gas from Helium to Hydrogen.



Benefits of Precision:



Convenience
Gas on-demand, no cylinders to change or maintain supply stocks



Consistency
Consistent gas quality and supply, no impurities or running out of gas



Economy
Eliminate on-going costs of cylinders, manage lifetime running costs



Safety
No pressurized compressed gas cylinders in your lab



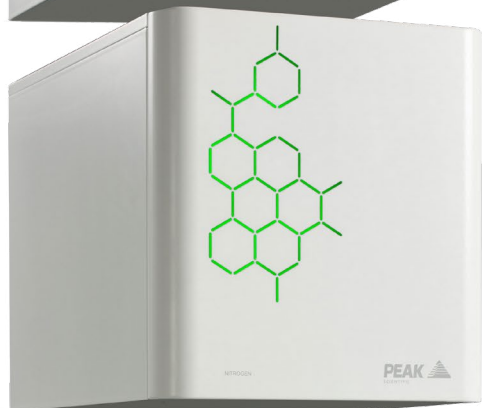
Green
No repeated gas deliveries, energy efficient

Mix and match modules to suit your GC gas needs.



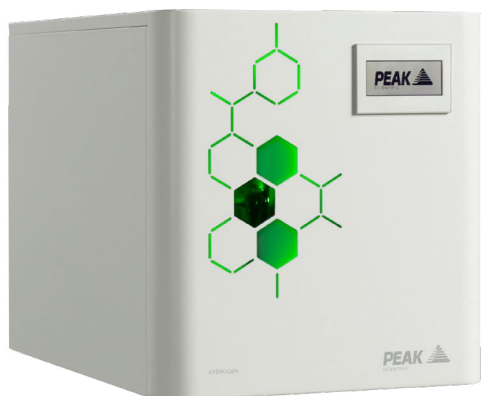
ZERO AIR

- Cost-saving source of flame support gas
- Catalytic removal of hydrocarbon content to <0.05ppm
- 1.5L/min – 30L/min



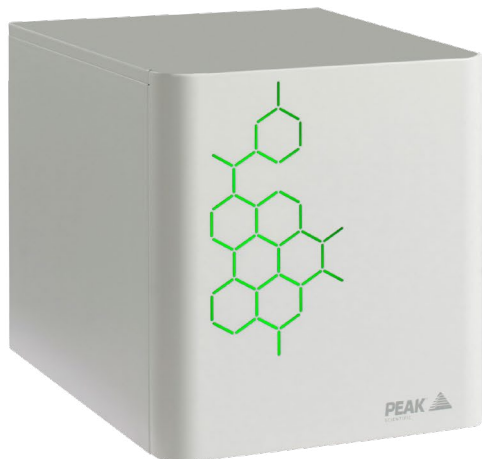
NITROGEN TRACE

- 'Zero nitrogen' for carrier gas use and ECD
- 99.9995% purity with hydrocarbon removal to <0.05ppm
- 250cc/min – 1L/min



HYDROGEN TRACE

- Sustainable alternative to He for carrier gas
- 99.9999% purity
- 250cc/min – 500cc/min



HYDROGEN

- Suitable for detector gas (eg. FID)
- 99.9995% purity
- 100cc/min – 450cc/min

AIR COMPRESSOR

- Can supply the N2 & ZA generators in single stack
- Takes up no extra footprint
- Complete service plans available

[PEAK Protected]TM

Peak Scientific gas generators come backed by a 12 month warranty. Beyond this period, you can ensure that your investment continues to be protected by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.