

Streamline your GC workflow with a Precision gas generator

Combining **convenience** and **safety** in a laboratory gas generation system, Precision is the practical answer to your GC detector and carrier gas needs, providing hydrogen, nitrogen or zero air at the touch of a button. Precision eliminates all the inconvenience and concerns of pressurized gas cylinders, streamlining your laboratory workflow and increase productivity and efficiency.



Convenient

No changing cylinders or running out during analysis



Safe

No material handling or risk of leak or explosion



Consistent

Constant quality and purity of gas, no risk of contamination



Green

Reduce carbon footprint by eliminating recurring gas deliveries



Efficient

Streamline workflow, faster sample throughput



Compact

Stackable, small footprint, saves space in laboratory

Tailor a **Precision system** to suit your lab

The key to Precision is the flexibility it offers in choosing the modules you need to suit your total GC gas requirement in your lab. Combine modules in a single stack to deliver the desired combination of gas types (hydrogen, nitrogen and zero air) at the purity and flow rates you need. Both the hydrogen and nitrogen generators are available in two purity variants – Standard and Trace. We recommend Standard for most GC detector applications (such as fuel gas for FID) and Trace for those using Hydrogen or Nitrogen for carrier gas, giving lowest possible baseline and precision in your results.

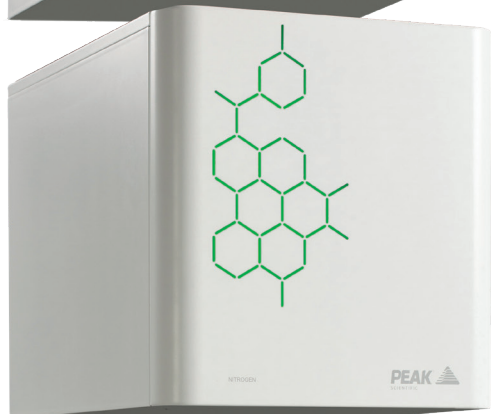


Mix and match modules to suit your GC gas needs.



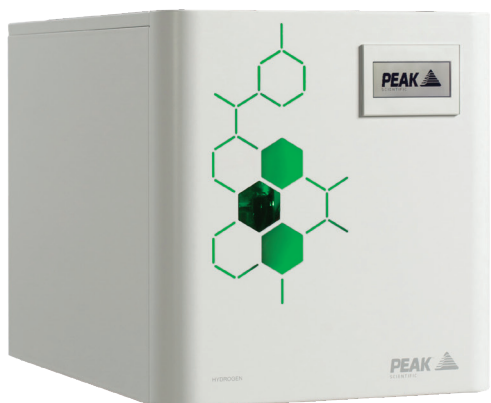
ZERO AIR

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



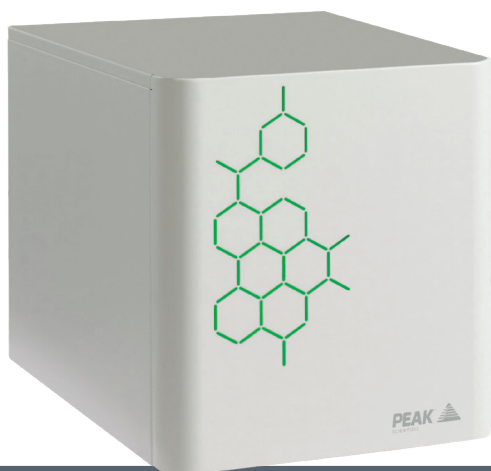
NITROGEN TRACE

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



HYDROGEN TRACE

- Sustainable alternative to He for carrier gas
- 99.99999%* purity
- 250 cc/min – 1200 cc/min



HYDROGEN

- Suitable for detector gas (eg. FID)
- 99.9995% purity
- 100 cc/min – 1200 cc/min

* Based on O2 content independently verified by National Physical Laboratory, UK

AIR COMPRESSOR

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

Contact us today to discover more!

Web: www.peakscientific.com/precision **Email:** discover@peakscientific.com