



Total on-site laboratory nitrogen gas generation with i-FlowLab


i-FlowLab is a **scalable, high flow & high purity** gas generation system, capable of producing a continuous supply of nitrogen to meet the full and varying demands of your research facility. Harnessing the latest in Pressure Swing Adsorption (PSA) technologies, **i-FlowLab** is **robust, reliable** and **highly energy efficient**, with over 100 preconfigured flow rate and purity specifications, making it the ideal solution for the combined needs of laboratory instruments, such as **LC-MS**, fume hoods, gloveboxes, sample evaporators and more.




Convenient
No changing cylinders or running out during analysis



Consistent
Constant quality and purity of gas, no risk of contamination



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



Efficient
Streamline workflow, faster sample throughput



Green
Reduce carbon footprint by eliminating recurring gas deliveries



Protected
Comprehensive on-site warranty & service contracts

Consultative design & total project management

If you still rely on high pressure gas cylinders as a source of nitrogen for your mass-spectrometers and other gas-hungry lab instruments, Peak Scientific can provide you with a more economical, convenient and sustainable alternative.

i-FlowLab generators offer a complete nitrogen solution, delivering high flow and high purity gas for multiple applications throughout a laboratory. Furthermore, strong partnerships with industry leading compressor and filtration companies means we can provide all upstream equipment and our expert consultants will manage the whole process ensuring you have the supply you need, whilst leaving room for future expansion.



i-FlowLab 6000 Series



Consistent & Convenient

- Constant, reliable & stable N₂ gas supply for instrument analysis
- Convenient N₂ supply solution, with gas available on-demand 24/7

High Flow & Purity

- Capable of delivering from 30 - 3402 L/min N₂ to multiple instruments
- Ultra-High Purity N₂ gas (up to 99.9995% or 5 ppm)

Economical & Sustainable

- The most cost effective solution to total laboratory nitrogen gas supply
- Eliminates need for bulk, cylinder or dewar supply purchase and delivery

Efficient

- Highly efficient design, with innovative 'Eco-mode' ensures low running costs
- Highly robust, latest PSA technology, optimized for maximum productive efficiency

Remote Monitoring

- Live product status information at your fingertips, wherever you are

Future Proof

- Expandable design allows for retrospective scaling, with addition of CMS banks or modular units
- Offers greater flexibility to adapt as facility demands change over time

Verified

- Exceeds standards of EIGA, EC Food Grade, European Pharmacopoeia, JEFCA & US FDA (CFR Title 21)
- Peak IQ/OQ certification available on request

Contact us today to discover more!

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