

i-Flow: Cost effective & sustainable nitrogen gas generation

i-Flow is a **scalable, on-site gas generation** solution that is capable of producing **high volumes** of **ultra-high purity nitrogen**, suitable for use in a variety of applications within industries such as food & beverage, pharmaceutical/biotechnology & research, chemical processing, electronics manufacture, fabrication of metals/plastics/synthetics and many more. Utilizing the latest Pressure Swing Adsorption (PSA) technologies, i-Flow delivers a **highly reliable, cost effective** and **energy efficient** solution, with over 100 preconfigured flow rate & purity specifications, allowing companies to retain the flexibility to adapt supply to meet growing future demands.



Guaranteed supply
Increased efficiencies, maximum productivity and minimum downtime



Increased safety
No need for pressurized gas storage so safer than bulk delivery options




Less wastage
Consistent and reliable supply means fewer product defects or rejections



Eliminate on-going costs
No more equipment rental, long contracts or re-supply ordering



More sustainable
Reduced carbon footprint by eliminating trucking of cylinders to your site



Future proof
Expandable on-demand N2 generation that meets future needs

Total project design, delivery & management

If your company still relies on bulk nitrogen supply methods, such as cylinders or dewars, for gas hungry manufacturing & processing applications, then Peak Gas Generation can offer you a more convenient and cost effective alternative. i-Flow comes as part of a complete turnkey nitrogen generation solution, with all upstream ancillary equipment sourced and supplied by Peak, via our strong global partnerships with industry leading compressor and filtration companies. Our expert consultants manage the whole end-to-end process, designing systems around your needs/specifications, ensuring supply effectively meets current demand whilst leaving room for future expansion, allowing your company to enjoy significant cost and productivity benefits in the short and longer term.



i-Flow 6000 Series



Economical & Sustainable

- The most cost effective on-site nitrogen gas supply solution, available on demand 24/7
- Eliminates need for bulk nitrogen, gas cylinder or liquid dewar purchase

Efficient & Robust

- Designed with an innovative 'Eco-mode', ensuring lowest daily running costs
- Latest PSA technology, engineered to the highest quality and optimized for maximum productive efficiency

Future Proof

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

High Flow & Purity

- Capable of delivering high volumes of nitrogen gas for applications, with flow rates ranging from 30 to over 4000 L/min
- Consistent and ultra-high purity N₂ gas available, ranging from 95 - 99.9995% (or 5ppm O₂)

Verified

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

Expert Consultation

- Industry-leading, professional system design and project management service
- Full end-to-end project delivery, from initial consultation to installation & commissioning

Contact us today to discover more!

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