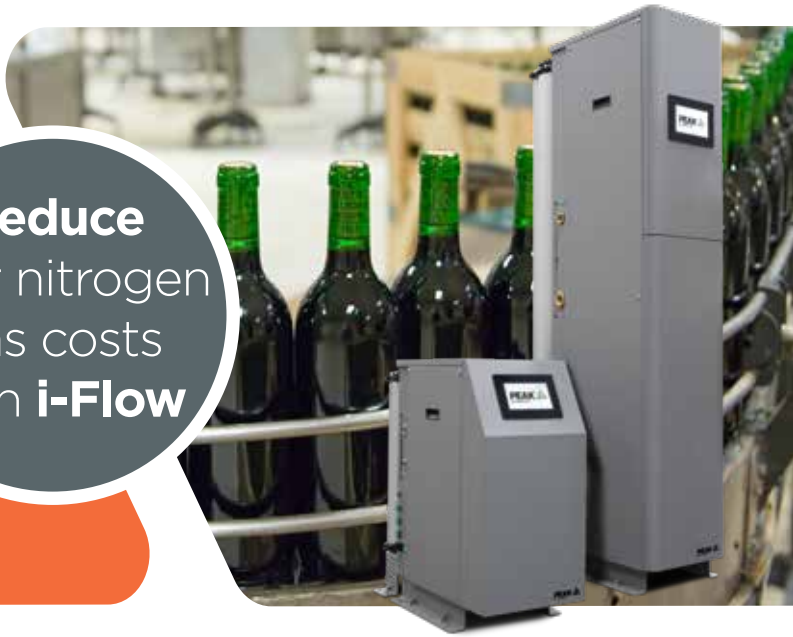
PEAK GAS GENERATION

Industry Application



Reduce your nitrogen gas costs with **i-Flow**

Nitrogen generation solutions for **Wine Making & Production**

Companies operating in the highly competitive wine industry, know that oxygen contamination & exposure can have significant effects on product quality, as well as stability and suitability for consumption. Oxidation of wine leads to spoiling and deterioration, observed through changes in smell, taste, texture and manifests as a rancid, vinegary taste which, in some cases, can make the consumer ill. These highly undesirable outcomes ultimately impact on both company reputation and customer experience.

Protect your company's bottom line with on-site nitrogen generation.

- Save Money
- Control Costs
- Guarantee Supply
- Reduce Carbon Footprint

Wine processing, storage & bottling

Nitrogen gas is the most cost effective industry solution. Clean, dry & inert, it is used at numerous stages of the wine making process to prevent bacterial growth and ensure product quality, helping to:

- Sparge out dissolved contaminants (e.g. O2 or CO2)
- Blanket storage tanks to prevent spoiling
- Purge air and moisture from bottles prior to filling

Key benefits of on-site nitrogen generation

Guaranteed supply
Increased efficiencies, maximum productivity and minimum downtime

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

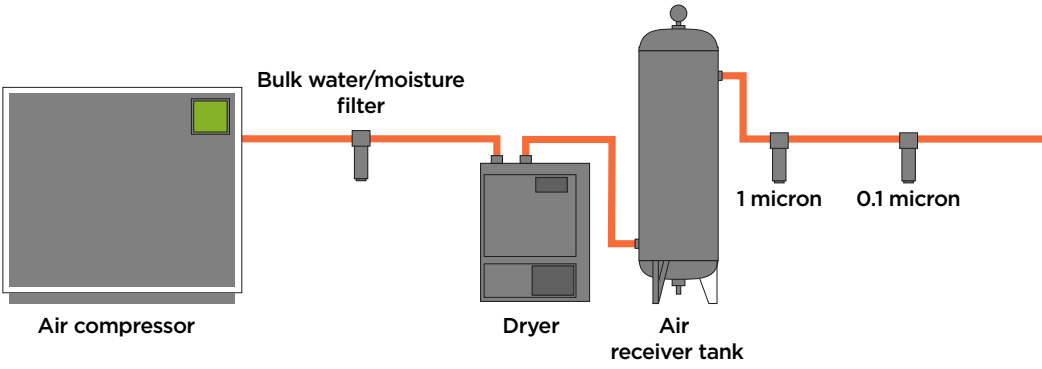
Less wastage
Consistent and reliable supply means fewer product defects or rejections

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

Typical nitrogen generation system



Consultative Solutions

Global Leader
Peak is the leading global manufacturer of nitrogen generation systems.

Turnkey Solutions
Our team of highly experienced consultants are experts in designing turnkey solutions that perfectly meet customer needs.

Expertise & Support
Our vast industry and technological expertise, coupled with world-class aftercare support, means we define the benchmark for customer service, innovation, quality and reliability.

Project Management
Our project teams manage every stage of the process through initial consultation, system design, procurement, installation/ commissioning and keep you fully informed at each step.

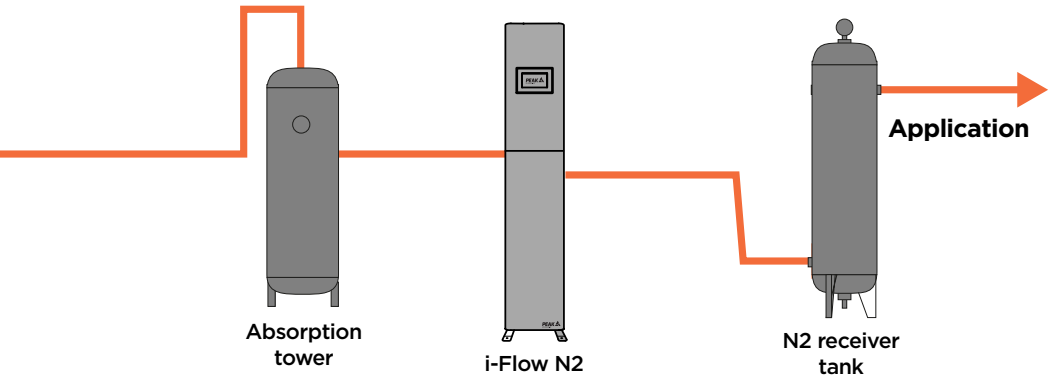
Global Partnership
Together with our industry leading partners in compression & filtration technologies, we offer the best and most diverse technological solutions available on the market.

Contact us today to discover more!

North America
Tel: +1 866 647 1649

Europe
Tel: +44 (0) 141 812 8100

Web: www.peakgas.com
Email: contact@peakgas.com



Your sustainable and expandable nitrogen generation solution

The i-Flow nitrogen generator from Peak Gas Generation eliminates the need for bulk nitrogen gas delivery and provides you with a sustainable, on-site nitrogen gas generation system that will deliver massive efficiency & cost savings in the long run.

It is a modular & scalable design that harnesses the latest in gas purification technologies, providing a wide range of purity and flow rates to suit most applications.

Economical & sustainable

A cost effective solution that eliminates the need for bulk nitrogen gas delivery forever.

Expandable on-demand

i-Flow's space saving, future-proof modular design allows columns & units to be added as your business grows.

Energy saving efficiency

An innovative 'Eco-mode' ensures the lowest running costs by automatically managing production based on your daily demands.

Verified industry compliance

Exceeding standards of EIGA, EC Food Grade, European Pharmacopoeia, JEFCA and US Food & Drug Administration (CFR Title 21) with Peak IQ/OQ certification.

Safe on-site supply

No more health & safety concerns over hazardous truck deliveries or storage of gases in highly pressurized cylinders or tanks.

High quality engineering

Peak is an ISO 9001 certified manufacturer and i-Flow's highly efficient technology requires minimal maintenance and supervision.

Expert consultation

Peak's professional consultants will expertly design an end-to-end solution to meet your needs.

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