



ON-SITE NITROGEN GENERATION

Packaging for Perishable Food Products

With the increasing demand for fresh food produce in today's global market place, consumers expect to receive maximum quality at minimum cost.

Shifting to on-site nitrogen generation capabilities can not only provide great opportunities for cost savings at food processing facilities, it's also a sure way to a more environmentally friendly future.

When considering the capital costs associated with on-site nitrogen generation, customers can realise a return on investment in as few as two years and will see day-to-day operational costs nearly in half after that.

WHEN USING NITROGEN GAS GENERATORS:

- ✓ Preservation of product flavour, areoma, texture and nutritional value
- ✓ Increase sales through high product quality
- ✓ Fewer product returns
- ✓ Increased production efficiency with longer production runs
- ✓ Better product colour and texture at point of sale
- ✓ Extended shelf life
- ✓ Increased export opportunities to new geographic markets

BENEFITS:

- ✓ Up to 90% cost savings - Typical capital pay-back is achievable within 12-24 months
- ✓ Lower cost maintenance, extensive working life - The Carbon Molecular Sieve, the 'engine' of the generator delivers nitrogen more efficiently, leading to a very long working life - and major savings on maintenance.
- ✓ Energy savings - Low air consumption provides greater energy efficiency. Matches compressed air flow to the nitrogen outlet flow and purity, reducing compressed air use, and saving energy and money.
- ✓ Reduced carbon footprint - The elimination of cylinder deliveries and transportation means carbon footprint can be reduced.
- ✓ Industry compliance - Food and pharmaceutical safe, in line with European statute (EIGA) and the USA Food & Drug Administration (FDA Article 21) and Pharmacopeia compliance.
- ✓ Convenient and safe - The easy to use system is simple to install, requires minimal maintenance and eliminates safety hazards associated with traditional gas supplies
- ✓ Remote monitoring - Enabling connection to proprietary remote management and the generator control systems to control and track gas parameters from a central location
- ✓ Gas quality control - Mass Flow Controller, Integral Oxygen Analyser, Off-Gass-By-Pass, Inlet and Outlet Pressure Regulation, Electronic Control System
- ✓ Space saving design - The compact design means the system demands less floor space
- ✓ Flexible multi-bank option - The modular concept means the generators can be multi-banked if required



***RECEIVE A COMPRESSOR AT COST PRICE WITH NEW SYSTEM INSTALLS**

**CONDITIONS APPLY, CONTACT TORQUE TO DISCUSS*

PARKER'S NITROSOURCE GAS GENERATOR

[HTTPS://YOUTU.BE/HKFOU1KVTEs](https://youtu.be/HKFOU1KVTEs)



torqind.com

246 Grand Junction Road
Athol Park, SA 5012
Phone: +61 8 8341 0177
www.torqind.com
Email: sales@torqind.com
ABN 37 008 670 102

SALES

- Hydraulics
- Pneumatics
- Filtration

SERVICE

- Breakdown
- Preventative
- Repairs