

GOSLING NITRO™

With Chart UltraDoser®



Flexible for Still or Sparkling Beverage Canning

The Gosling Nitro™ is your professional packaging solution, whether you're canning non-carbonated or carbonated drinks.

The Gosling Nitro canning system includes integrated liquid nitrogen dosing that lets you package sparkling or still products like coffee, ready-to-drink cocktails, wine, tea, juice and more.

A dose of liquid nitrogen (LN2) preserves your beverage's flavor and shelf life, protecting against unwanted dissolved oxygen pickup that can negatively impact product quality. When packaging any still beverage without carbonation, dosing with LN2 helps remove oxygen in the can headspace to keep your product fresh. This introduction of LN2 during canning also provides rigidity in the sealed can so it retains that satisfying, firm-to-the-touch feel consumers expect from every canned drink.



QUALITY PRESERVATION

Maximizes your product shelf life



FLAVOR PROTECTION

Limits oxygen to maintain beverage freshness & flavor



SMALL-RUN CAPABILITY

Packages small volumes with ease from a variety of pressurized or unpressurized vessels



CAN RIGIDITY

Maintains can firmness & shape without carbonation

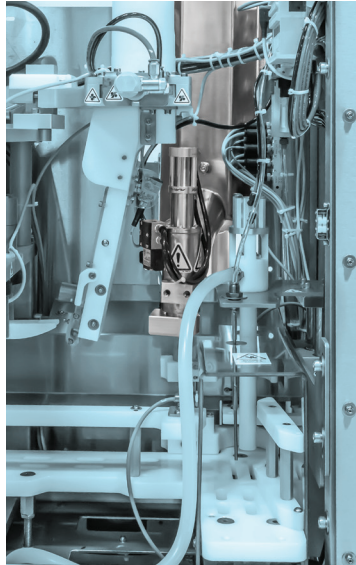


Quality craft canning,
simplified.



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FEATURES

PRECISION DOSES

An accurate, repeatable amount of liquid nitrogen is delivered into each filled can before a lid is applied.

CONTROLLED DISPENSING

The liquid nitrogen doser dispenses user-defined timed doses, giving operators control over optimal purge volume and preferred can pressure.

COMPACT SIZE

With a small footprint mounted to the mobile cart, the ultracompact Gosling Nitro fits in your limited space and rolls away when not in use.

INTEGRATED OPERATION

The Gosling Nitro's comprehensive control program allows you to operate the Chart UltraDoser® from the Gosling's touchscreen interface.

FLEXIBLE FOR STILL OR SPARKLING

Liquid nitrogen dosing can be activated or disabled to accommodate both non-carbonated and carbonated beverages.

TECHNICAL SPECIFICATIONS

Speed Up To:

Based on 12 oz / 355 mL can at optimal product conditions

- 12 cans/min
- 720 cans/hr
- 30 cases/hr
- 2.2 bbl/hr
- 67.5 gal/hr
- 2.6 hL/hr
- 0.26 m³/hr
- 260 L/hr

Can Size: Custom built for any can size 202-307 (8-32 oz / 236-946 mL) and lid type 200-300

Dimensions: 47" L x 38" W x 73-81" H / 120 cm L x 97 cm W x 186-206 cm H

Deck Height: Entry and exit height of 42-44" / 107-112 cm

Configuration:

- Mounted to mobile cart
- Integrated liquid nitrogen dosing
- 9 ft / 2.7 m insulated LN₂ hose included
- LN₂ dewar not included

Weight: 400 lb / 182 kg

SYSTEM UTILITIES:

Power Options:

- Single-phase 13A @ 115VAC, 50/60 Hz
- Single-phase 200V-240V

Liquid Nitrogen: 3-22 psi (0.2-1.5 bar)

Air: Clean, dry compressed air required at 6.5 scfm @ 95-100 psi (185 L/min @ 6.5-7.0 bar) in accordance with ISO 8573-1:2010 (-:4:-). Dew Point < 37° F (3° C)

If using Gaseous Nitrogen: 60-100 psi (4.1-6.9 bar)

CO₂: Required at 12-25 psi / 0.8-1.7 bar dependent on add-on options

ACCESSORY ADD-ONS

- Variable-Stage Flow Mode
- DO Buster™ CO₂ Tunnel (for alternating usage with doser)
- GooseNeck Infeed™
- Pre- and Post-Rinse
- Advanced Tool Kit
- Spare Parts Kit
- SPA Treatment (Service Partnership Agreement)



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