



Liquid Nitrogen Dosing

System Solutions for LN₂ Service

One Partner. Complete LN₂ Solutions.

From dosers and vacuum-insulated piping (VIP) to bulk storage tanks, Chart delivers a fully integrated LN₂ solution from a single source.

- **Complete Cryogenic Expertise** – End-to-end solutions designed for maximum performance.
- **Industry Leadership** – American-made technology backed by decades of cryogenic innovation.
- **Global Engineering & Support** – Dedicated engineering and customer service teams supporting customers worldwide.

One Source. Proven Expertise. Reliable Performance.

Nitrogen Dosing Applications

Pressurization in Packaging Applications

A precise dose of liquid nitrogen is delivered immediately before capping or seaming. The trapped LN₂ quickly vaporizes, pressurizing the container.

Preservation Applications

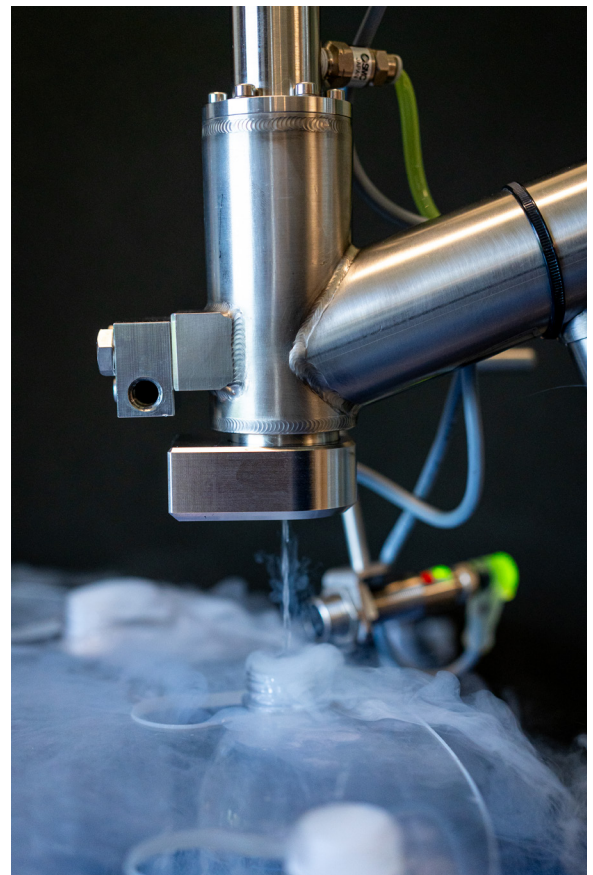
One drop of liquid nitrogen is injected just before sealing, expanding up to 700 times its volume to displace oxygen and protect product quality.

Freezing Applications

From novelty ice cream to customized desserts, Chart's nitrogen dosers deliver rapid freezing for superior taste and texture.

Real-world dosing applications

- | | |
|-----------------------|-----------------------------------|
| • Bottled water | • Baby formula |
| • Vitamins | • Peanuts |
| • Wine and craft beer | • Spices and seasonings packaging |
| • Coffee | • PET package |
| • Automotive oil | |



Reducing weight and cost and improving sustainability

Whether it's plastic (PET), glass or aluminum, Chart liquid nitrogen dosing systems provide rigidity, which means reduced packaging. That's good for the environment and great for your bottom line.



CryoDoser Flex™

Craft Custom Max

Keep pace with growing demand

The new CryoDoser Flex™ Craft Custom Max further increases production, enhances efficiency, supports scalable business growth, reduces waste and lowers costs.

Craft Custom Max is Built for Performance.

Designed for Profitability.

- Larger display for a more intuitive and user-friendly operating experience
- Maximum production up to **750** cans per minute
- Capable run-speeds up to **1,000 PPC**
- Designed for multi-lane fillers with up to **4** independent dosing lanes
- Increased accuracy to **+/- 2% dose weight**
- Speed-compensated performance designed to seamlessly integrate with match connected equipment.



SCAN HERE TO TALK WITH A
PROFESSIONAL ON OUR TEAM



www.chartdosers.com
LN2dosers@chartindustries.com
Center of Excellence - Americas
USA
Sales 833.205.2226
Service 800.253.1769

