

Liquid Nitrogen Dosing Application Focus



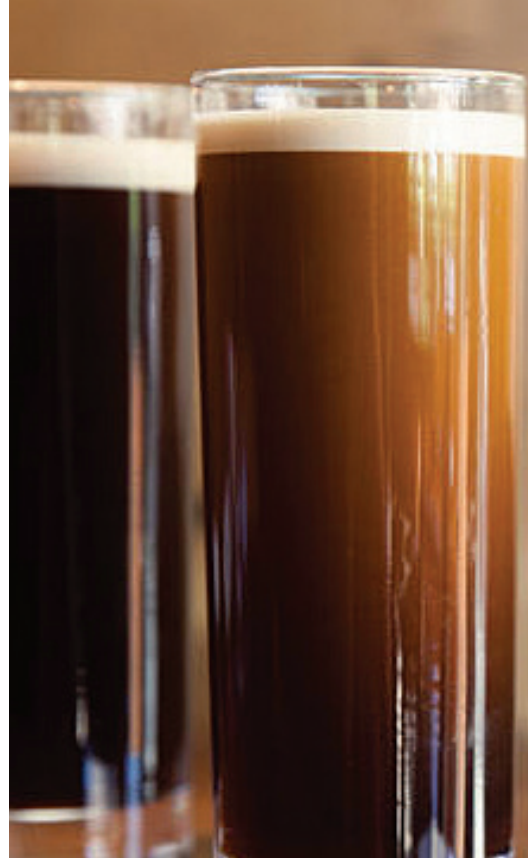
Packaging

Nitro and Cold Brew Coffee

Chart is known industry wide for its frost-free, vacuum insulated, liquid nitrogen dosing equipment and piping distribution systems. With over 3,000 dosing units installed, Chart has a wealth of application specific knowledge across a wide variety of dosing applications.

The Challenge

Just as the craft beer market quickly matured and continues to grow, the cold brew coffee and nitro coffee industry is ready to follow suit. Cold brew coffee and nitro coffee from a tap have quickly become heavily sought after consumer experiences. While not everyone has a store front or restaurant to serve their brew, bottling and canning options are becoming popular around the globe. When canning and bottling, the beverage is exposed to oxygen that can be trapped within the container. The sweeteners and dairy products can quickly spoil when dissolved oxygen is present. The main issue with canning or bottling nitro coffee is exactly how to replicate the same pour from a can or bottle that is created from a tap. Luckily, Chart can help.



The Solution

The LN_2 dosing process yields many benefits. By introducing liquid nitrogen into the can or bottle after filling, the O_2 levels within the can or bottle are greatly decreased. Just after the drop of LN_2 enters the container, it immediately changes from liquid to a gas and displaces the oxygen. Lower oxygen levels extend the shelf life of the product. Specifically for nitro coffee, the LN_2 dosing process can nitrogenate and maintain nitrogenation without the use of the widget. Using a Chart LN_2 dosing system can provide the same great taste and mouth feel from a can or bottle that a consumer experiences when poured from a tap.





Key Benefits

- Reduce headspace oxygen levels
- Extend shelf life
- Distribute brew beyond the coffee house
- Eliminate the need for a widget
- Reduced cost of inventory and floor space
- Can be used with mobile canners, filler lines, and hand packaging set-ups

Chart Services

- Application support
- System design
- CAD and 3D drawings
- On-site demonstrations
- Installation and setup
- Technical support
- Maintenance
- True turnkey system

For more information on any of our products and services please visit us on the Web at:
www.chartdosers.com

**A webinar on craft beer and coffee can be
found on the web at: www.ditchthewidget.com**

Your Local Representative



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