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**At Pack Expo, Vacuum Barrier Corporation to Demonstrate Efficient High-speed Liquid Nitrogen Dosing System**

***Among other benefits, company’s new NITRODOSE® G3 SERVODOSER® can adjust liquid nitrogen flow rate without nozzle changeover.***

*Woburn, MA –* **Vacuum Barrier Corporation,** a leader in the design, engineering, and fabrication of liquid nitrogen dosing and piping systems, will demonstrate its newest high-speed liquid nitrogen dosing system at **Pack Expo**, November 3-6 in Chicago. **At Booth C-2516**, the company will display its **NITRODOSE® G3 SERVODOSER®**, whose differentiators include adjusting the flow rate during discrete and continuous dispensing without changing nozzles.

An advanced dosing system designed for fast, precise delivery of low-pressure liquid nitrogen in beverage applications, the NITRODOSE® G3 SERVODOSER® allows manufacturers to adapt to their production needs without downtime. The seamlessly integrated system can handle up to 2,000 containers per minute (CPM) while offering exemplary dosing control. The NITRODOSE® system is used for non-carbonated beverages in plastic bottles or aluminum cans, where it adds rigidity to enhance structural integrity and durability.

Equipped with a seven-inch color touchscreen for intuitive operation, the NITRODOSE® G3 SERVODOSER® can deliver dosing durations as brief as 4 milliseconds and offers an accuracy of approximately +/-1% of dose weight.

The system also offers Clean in Place (CIP) protection, with an automatic cover that prevents moisture from entering the dosing head during the process, eliminating potential freeze-ups. The nozzle is designed to withstand high-pressure washdowns or harsh chemical cleanups.

"The NITRODOSE® G3 SERVODOSER® represents a significant advancement in liquid nitrogen dosing technology," said Jim Fallon, International Sales Manager at Vacuum Barrier Corporation. "This system not only meets the high demands of beverage production but also offers unparalleled flexibility and efficiency.

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**About Vacuum Barrier Corporation**

Vacuum Barrier Corporation (VBC) is a leader in designing, engineering, and fabricating liquid nitrogen dosing and piping systems for various industries, including food & beverage, semiconductor, pharmaceutical, and biotech.

Since 1958, the company has specialized in delivering tailored liquid nitrogen solutions, both custom and standard, to meet the unique requirements of its clients. As a one-stop source for complete system integration, Vacuum Barrier Corporation consistently upholds the highest safety and quality standards. [www.vacuumbarrier.com](http://www.vacuumbarrier.com)