

# UltraDoser™

Precise, Accurate, LN<sub>2</sub> Dosing



Picture is of UltraDoser FD unit

*The UltraDoser's compact design facilitates installation. The UltraDoser can be fed from a portable LN<sub>2</sub> tank or a VBS plant wide LN<sub>2</sub> pipe system.*

#### Typical Applications:

- Pressurization of PET containers (water, juice, oil)
- Pressurization of aluminum cans
- Headspace inerting of wine

**UltraDoser SC™** - Premier dosing unit for variable line speeds up to 1000 cpm. Allen-Bradley MicroLogix 1500 PLC allows for production alarm capabilities, self-diagnosis and continuous monitoring capabilities.

**UltraDoser FD™** - Simplified dosing unit for constant speed lines. Straight-forward operation is ideal for all production lines.

#### LN<sub>2</sub> Dosing Technology

The UltraDoser was specifically designed to meet the industry's demand for a low-cost, easy to use, general purpose injection unit. The UltraDoser is ideal for a wide range of applications, including product headspace inerting and pressurization of hot fill aluminum cans, aluminum bottles, PET water bottles, heat-set PET bottles and HDPE containers.

#### UltraDoser Features

- Unique, low impact liquid nitrogen delivery system practically eliminates product splash
- Interchangeable nozzles to control flow of liquid nitrogen (LN<sub>2</sub>)
- Compact, rigid arm and multiple mounting options for simplified installation
- Modular unit can be fed from a dewar or VBS phase separator
- Simplified controls (NEMA 4X Rated) for ease of operation
- Backed by VBS' one year warranty
- Complete with VBS' renowned customer care from conceptual system design to implementation.

*VBS International has been the leader of cryogenic systems for the food and beverage industry for over 25 years. Our practical experience is revealed in our clean product design, simplified operator interface and reliability.*



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