

Liquid nitrogen injection system  
named for its simplicity of installation,  
start up and operation for different  
package types

# NITRODOSE®

## EasyDose



### Controls

- VS model – precision dosing up to 450 CPM
- VS+ model – precision dosing up to 450 CPM with continuous stream at higher speeds
- Allows for fine adjustments of dose amount and timing during operation
- Speed compensation to automatically synchronize dose timing as line speeds change
- No container/no dose function
- NEMA Stainless Steel 4X PLC control panel
- Lighted touchpad controls for ease of operation
- Available in a variety of language formats
- Push-button draining feature for quick and easy nozzle changes
- Single dose capability for lab testing
- All equipment has NEMA 4X quick connects
- Continually displayed current production rate
- Valve cycle counter with automatic notification at service intervals
- Siemens, Allen Bradley and other options

**VACUUM  
BARRIER VBC**  
CORPORATION

# NITRODOSE<sup>®</sup> EasyDose

## Accuracy

- Patented, proprietary dosing valve for purest single phase LN<sub>2</sub> available
- LN<sub>2</sub> dose accurate within +/- 5%
- Lowest delivery pressure available to minimize splashing
- 3-D technology (directional dose dispersion) available for special applications

## Construction Features

- Low profile dosing head to fit in confined spaces
- Self generating gas purge
- Streamlined hygienic design for ease of cleaning

## Safety and Cleanliness

- Automatic CIP (Clean in Place) function with complete hands free operation
- Withstands chemical wash-down and CIP processes
- 2-micron inlet filter to protect from foreign particles
- Nozzle and all hardware is safely captivated
- Slim profile/streamlined clean design
- High efficiency – lowest LN<sub>2</sub> consumption
- Built in pressure relief valves
- Totally frost-free operation
- Fully CE compliant

## Our service – Your guarantee

- Engineered, designed and fabricated our own cryogenic equipment since 1958
- Trained worldwide staff
- Five different models available to cover a wide variety of applications
- Standard models available from stock

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