

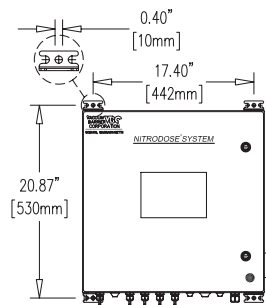
## Introducing the latest advancements in liquid nitrogen dosing

The highest level of control in liquid nitrogen dosing. Superior performance and durability with powerful control systems precisely delivering low-pressure liquid nitrogen at line speeds up to 2000 CPM.

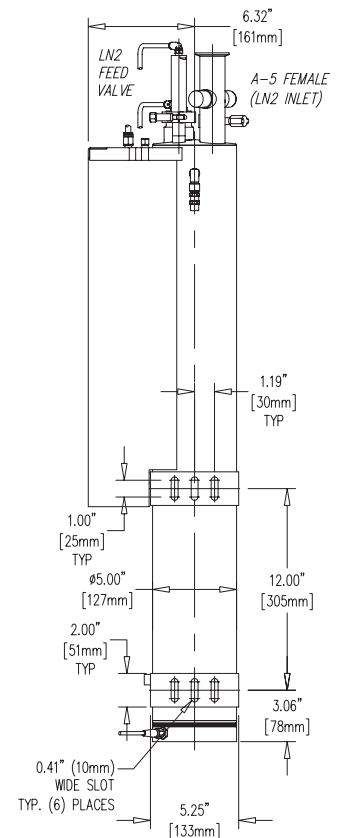
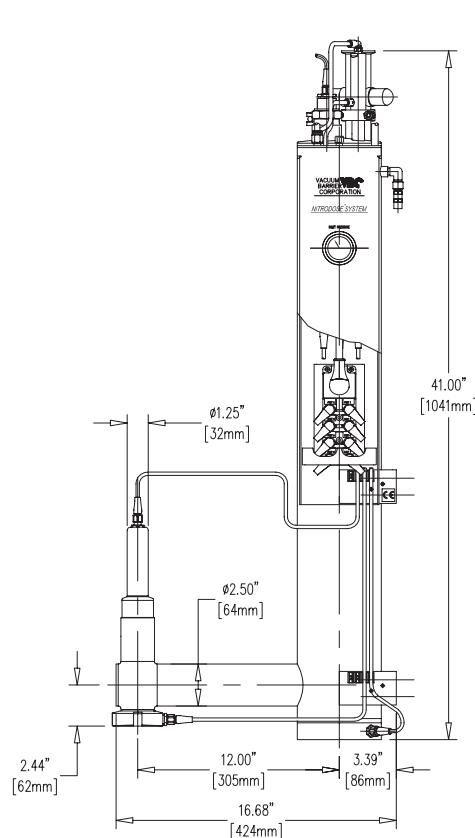
- Adjustable flow rate during discrete and continuous dosing without a nozzle change
- Accuracy of dose weight +/- 1%
- Lowest minimum dose duration

- Self-generating N<sub>2</sub> purge
- Long-life servo actuator
- Remote activated rapid warm-up through HMI
- Optional independent overflow detection

## Control panels



er views





Features	NITRODOSE® G3 SERVODOSER®
Maximum Discrete Dosing Speed (CPM)	2000
Dosing Stem Metering	discrete and steady stream dosing
Continuous Stream Capabilities	std
Allen Bradley PLC	Micro 850
Siemens PLC	S7-1200
AB Panelview Component 800, 7" Touchscreen HMI	color
Siemens KTP 700, 7" Touchscreen HMI	color
Minimum Dose Duration (enhanced resolution)	4.0 ms
Smartsync Technology	std
Accuracy by Dose Weight	+/- 1%
Real-Time Graphical User Interface (GUI)	std
Speed & Dose Compensation	std
Recipe Storage	std
Five On-Board Languages	std
Continually Self-Monitored for Alarm Conditions	std
Number of Built-In Alarm Relays	4
Maximum Direct LN <sub>2</sub> Feed Pressure, psi (bar)	125 (8.6)
Required Air Pressure, psi (bar)	50 - 100 (3.4 - 6.9)
Remote Activated Warm-Up Feature through HMI	std
Long-Life Servo Actuator	std
Clean Hygienic Design	std
Lowest Dosing Pressure	0.3 psi (0.02 bar)
Self-Generating N <sub>2</sub> Purge	std
Sub-Cooled LN <sub>2</sub> to Improve Dosing Accuracy	std
Remote Dosing Initiation	std
Automatic CIP Protection	opt
Directional Dose Dispersion Blocks	opt
Independent Overflow Detection	opt
Dosing Software for In-Line Fillers/Cappers	opt

**4-year warranty on all systems.**