

SOLVENT DISPENSE SYSTEMS (SDS)



Dual Drum, Duplex Pump Cabinet with Flow Instrumentation and Control



Dual Drum Cabinet With Class 1 Div 2 Panel

Wastech standard Solvent Dispense Systems are designed to safely and efficiently dispense and store solvents and other flammable liquids. These systems use diaphragm or metering pumps to inject solvents into process tanks or piping manifolds.

Specifications

- Simplex and duplex pump configurations
- Safely store and transfer solvent automatically
- Flammable storage cabinets are FM approved, comply with current OSHA regulations, and are designed in accordance with the standards of NFPA code 30
- Cabinet internals rated for Class 1 Division 1 hazardous environment
- Cabinet designed for removable drums
- Simplex (one drum) or duplex (two drums) configuration
- 55-gallon or 110-gallon storage capacity
- Custom cabinet and tank sizes available, call or e-mail Sales for more details

Standard Features

- Heavy duty, reinforced 18-gauge all-welded double wall construction
- 304 stainless steel cabinet
- 3-point self-latching doors with non-sparking latch
- Internal double containment with leak switch
- Tie downs and adjustable leveling legs
- 316 stainless steel valves and piping
- Air operated valves for drum dispense control
- Fire sprinkler
- Low exhaust pressure switch
- Low CDA pressure switch
- Intrinsically safe level switch assemblies
- Proximity switches to confirm proper drum placement
- Stainless steel rollers to facilitate drum installation and removal
- Electrical grounding for cabinet and drums
- Electrical quick disconnects to remove level switches
- Drum valve quick disconnect system for safe and easy drum installation and connections
- Standard control panel is remote-mounted and rated for non-hazardous locations
- Alarm integration to Building Management System

Optional Features

- Proportional injection based on flow
- Backpressure regulator
- Pressure relief valve for over-pressurization protection
- Pulsation dampener for pump discharge
- Calibration column for pump calibration

ORDERING INFORMATION	
SDS	Solvent Dispense System
	Number of Drums (Choose One)
-1	One 55 Gallon Drum
-2	Two 55 Gallon Drums
	Pump Capacity (Specify Gallons per Hour)
-XX.X	Capacity in Gallons per Hour
	Pump Configuration (Choose One)
-1	Simplex (One Pump)
-2	Duplex (Two Pumps)
	Control Option (Choose One)
-RB	Relay-Based Control Panel (no PLC or HMI)
-AB	Allen-Bradley CompactLogix PLC with 7" PanelViewPlus HMI
-AX	Allen-Bradley CompactLogix PLC with 10" PanelView Plus HMI
	Enclosure Rating (Choose One)
-N4	NEMA4 – Powder Coated Carbon Steel
-N4XS	NEMA4X – 304 Stainless Steel
	Panel Configuration (Choose One)
-IC	Integrated Control Panel
-RC	Remote Control Panel
	Discharge Piping Material (Choose One)
-6S	316 Stainless Steel
-PF	PFA
	Options (Choose Any)
-LC	Load Cells for Each Drum for Continuous Level Measurement
-FL	Proportional Injection Based on Flow (PLC Only)
-BR	Backpressure Regulator
-RV	Pressure Relief Valve
-PD	Pulsation Dampener
-CC	Calibration Column