

CHEMICAL DISPENSE SYSTEMS (CDS)



Shown: CDS-PS-12.6-2-IM-N4-RC-6S-VE-CC.
12.6 GPH chemical dispense system with pump enclosure, stainless steel piping, and remote IDEC PLC-Based control panel with Maple HMI.



Shown: CDS-32-15.8-2-RB-N4XS-IC-6S-PD-CC.
15.8 GPH chemical dispense system with 32 gallon tank, stainless steel piping, pulsation dampener, and integrated Relay-Based control panel.

Wastech Chemical Dispense Systems (CDS) are designed for precise chemical injection. These systems use high quality corrosion-resistant metering pumps to inject chemicals into a process tank or piping manifold. These systems can be provided with a double-contained chemical supply tank or as a metering pump skid only. Custom configurations are available, call or e-mail Sales.

Specifications

- Simplex (one pump), duplex (two pumps), triplex (three pumps), or multiple configurations
- PVC, CPVC, PP, or stainless steel piping materials
- Fabricated polypropylene or stainless steel skids
- Skid-mounted design, ready to install
- Factory-piped, wired and tested before shipment
- Integrated or remote control panel
- Indoor installation

Standard Features

- UL-Listed control panel
- NEMA 4 powder coated steel enclosure
- Relay or PLC-based control system
- Metering pumps for precise chemical dosing
- Isolation valves for each metering pump
- Double containment for systems with holding tanks
- Run permissive for remote enable/disable
- Seismic tie-down brackets

Utility Requirements

- Power: 115 VAC / 1-PH / 60 Hz

Optional Features

- Metering pump enclosure for spray protection
- Proportional injection based on flow
- Backpressure regulator
- Pressure relief valve for over-pressurization protection
- Pulsation dampener for pump discharge
- Calibration column for pump calibration
- PVDF, PFA, and PTFE piping and tubing

ORDERING INFORMATION									
CDS	Chemical Dispense System								
	Supply Tank Volume (Choose One)								
	-PS	Pump Skid w/ No Holding Tank							
	-XXX	Volume in gallons							
		Metering 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)						
		-3	Triplex (Three Pumps)						
		Control Option (Choose One)							
		-RB	Relay-Based Control Panel (no PLC or HMI)						
		-IM	IDEC PLC with 7" Maple HMI						
		-AM	Allen-Bradley MicroLogix PLC with 7" Maple HMI						
		-AB	Allen-Bradley MicroLogix PLC with 10" PanelView Plus 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)							
		-PV	PVC						
		-CV	CPVC						
		-PP	Polypropylene						
		-4S	304 Stainless Steel						
		-6S	316 Stainless Steel						
		Options (Choose Any)							
		-VE	Metering Pump Enclosure						
		-FL	Proportional Injection Based on Flow (PLC Only)						
		-BR	Backpressure Regulator						
		-RV	Pressure Relief Valve						
		-PD	Pulsation Dampener						
		-CC	Calibration Column						
Example Part Number									
CDS	-PS	-12.0	-2	-IM	-N4	-IC	-PV	-VE-FL	CDS-PS-12.0-2-IM-N4-IC-PV-VE-FL

