



Chemical Dosing System

Eliminates the guess work in the dosing of fuels and other liquids

- Easy to operate using color touchscreen controls
- Fully automatic operation with alarming and quick shutdown
- Automatic Modes Include:
 - Totalizing Mode: For pumping a desired volume
 - Fueling Mode: For pumping a volumetric ratio in real time
- Manual mode operation for testing, troubleshooting and calibration
- Fully capable controller allows custom programming for specific requirements
- Flexible design can accommodate a variety of liquids, flow rates, and installation requirements
- Universal supply by AC or DC

"All specifications are typical and subject to change to meet specific design requirements"

Mechanical Specifications

Dimensions	28.00 x 33.25 x 53.375 in
Weight Approx.	175 lbs
Enclosure	316SS, NEMA Type 3R, 4X, IP66
Operating Temperature	-20°C to +60°C (-4 to 140 °F)

Performance

Accuracy	1.0%
Repeatability	0.5%
Non-Linearity	0.1%
Analog Outputs	Two Isolated 4-20mA
Inputs	4-20mA or Pulse
Relays	
Continuous Operation	YES

Power

AC Input Voltage	AC 100-120V / 200-240V
Mains Frequency	50-60Hz
AC Input Current	2.0 / 1.23 at 120 / 230 VAC
DC Input Voltage	-
Power Connection	20 Amp 250Vac 2 Pole, 3 Wire Inlet

HMI Interface

Display	7" 65K Color Touchscreen
Resolution	800 x 480 pixels
Backlight	LED
Serial Ports	RS232, RS485
Datalogging	YES
Memory	16Mb Internal, 32Gb Expandable
I/O Options	YES

Accessories

- Stand Frame Assembly
- Shade Aide
- Electrical Twist Lock Plugs
- Guard
- 316 SS Braided Hose
- 316 SS Single Braid Hose w/ Armor

Flow

Tubing / Piping	Tubing / Threaded Pipe / Flange Connection
Inlet Connection	3/8" Male NPT
Inlet/Outlet Pressure	3000 PSIG
Flow Rate	0 - 2 GPM

Pump

Type	PD Pump Magnetically Coupled
Material	316 Stainless Steel
Rated Displacement	2 GPM @ 3500RPM

Motor / VSD

Rated Output (HP)	0.5
Volts	230/460
RPM	3420
Phase	3
Enclosure	TEFC

Additional Features

Bypass	YES
Vent & Drain	YES
Check Valve	YES
Filters	YES
Pressure Transmitter	YES
ESD Button	YES

Approvals

SIL	
General Purpose	

