

FOR ULTRA LOW DOSAGE APPLICATIONS
THAT ARE DIFFICULT TO ACCOMPLISH WITH
ADDITIVE INJECTORS

Precise ultra low additive injection

Micro-Dose Injection System

Description

This system is ideal for Mercaptan injection and many other microdose applications. The system control is provided by a Blend-Pak™ Micro-Processor and the pump is powered by air pressure or nitrogen. The Closed Loop Calibrator is provided for products non-desirable for atmospheric exposure.

Control and Measurement Features

- Monitors complete injection process with 7 programmable alarms
- Provides superior injection accuracy through cyclical injection
- Meter accuracy to 0.25%
- Easy to use non-venting calibration
- 750 transactions stored internally with time, date, Lpg amount, Mercaptan Injected for each truck load. Accessible via communications
- Compatible with all major presets and terminal automation systems
- RS 232, RS 485 communications. Smith, Brooks, Gate City, and Modbus protocol
- Programmed with IR remote hand-held controller or via communications
- All components compatible with process

fluids associated with mercaptan use: stainless steel gears, dynamic wetted parts, specialty elastomers selected for application

Pump Features

- Stainless steel dual seal plunger pump
- Pneumatic or nitrogen powered
- Up to a 2600 PSI delivery pressure

Specifications

- 110/240 VAC 50/60 Hz or 12/24 VDC powered
- Current consumption: <50 mA. @ 120 VAC/<25
- AC or DC input for product pulses
- Form "C" alarm relay contacts
- AC inputs for permissive and remote reset
- AC permissive output
- RS232, RS422, and RS485 communication terminals

Approvals

- Class I, Division I, Groups C & D
- Class II, Groups E, F, & G

Mounting

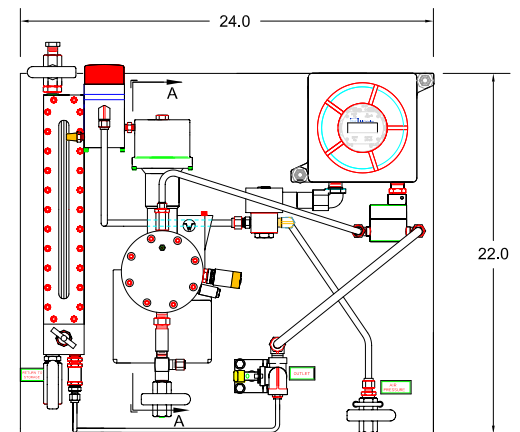
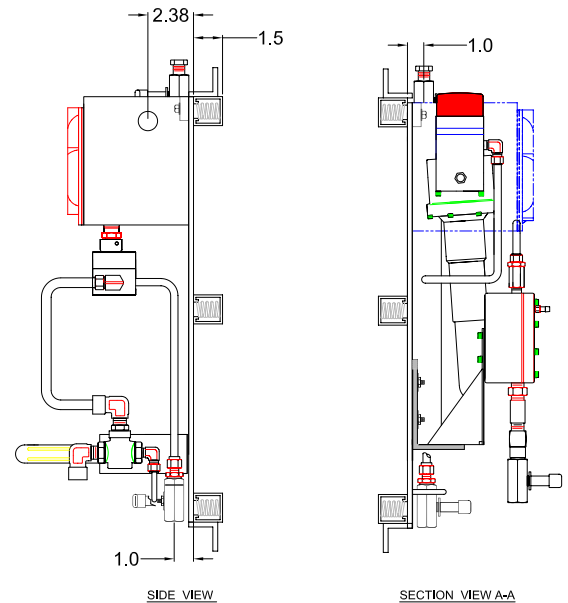
- All equipment mounted on panel for easy installation
- Panel size 24" X 22"

Available Accessories

- Hand-Held Controller
- Blend-Pak™ Communications- Com II, & III software packages

Calibration

The Closed Loop Calibrator assures complete system integrity without atmospheric exposure of the product. Components include a high pressure clear glass indicator for volumetric measurement, pressure check valve on inlet connection for simulating load conditions due to system pressure, and a needle valve used for calibrator zeroing and draining. Calibration is quick and easy.



Find out more

For more information...

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