



**Badger Meter**

# Direct Feed Dispenser System

## Diaphragm Pump

### DESCRIPTION

The Badger Meter® Direct Feed Dispenser System is designed for use in concrete batch plants, or applications requiring a direct feed liquid chemical dispensing system. Using the Model 25 Recordall® Flow Meter with electronic transmitter, these dispensers are accurate, reliable, and easy to operate. Built to high standards of performance, these dispensers will provide dependable service in a wide variety of batch plant environments.

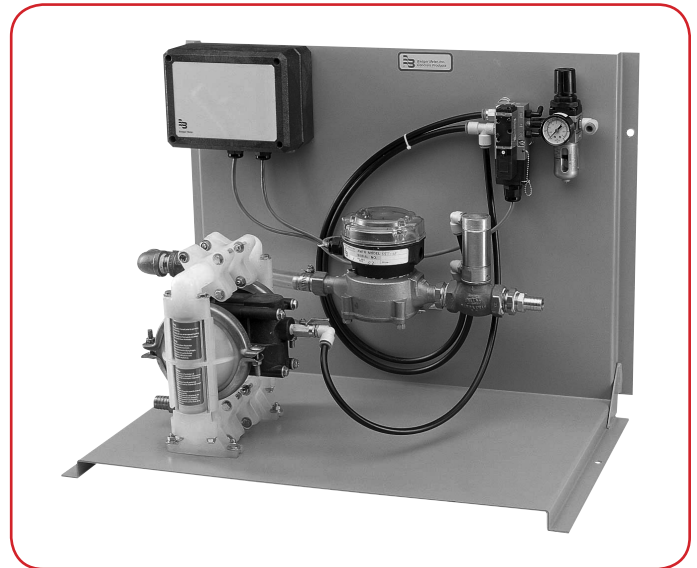
Two types of Direct Feed Dispenser Systems are available:

- The Semi-automatic system is operated with a standalone batch controller. This allows the operator to preset a desired amount and dispense that amount by simply pressing a START button.
- The Interface system is designed to interface with a Computer Controlled Batch Panel.

Pre-mounted on a steel backplate, the dispenser includes a diaphragm pump (1/2 in., 3/4 in. and 1 in.), flow meter, pulse transmitter, brass plumbing, and check valves. The dispenser is fully assembled, wired, and pre- tested, ready for installation. Other diaphragm pump sizes are available upon request.

### OPERATION

The dispenser is operated through the use of an AC-151 Semi-automatic control unit, ATC Semi-automatic control unit, or interface into a concrete batch panel. Upon a start command, the controller sends a signal to the dispenser, activating the pump. The liquid is moved from the storage tank, through the flow meter, and to the discharge point.



### FEATURES

- Special pulse rate down to 1/4 oz/pulse
- Electronic scaling of meter pulse rate
- Available in Semi-automatic or Interface
- Available in a choice of diaphragm materials
- Unit pre-wired and tested
- Easily installed and operated

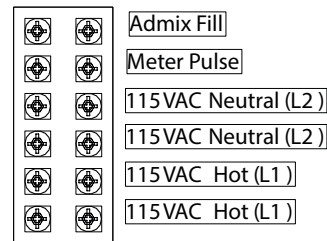


Figure 1: Dispenser junction box

## Control. Manage. Optimize.

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