

FLOW METERS

Flow Meter - Helpful Hints

Flow Meter Features

- Simple as a mechanical meter
- No moving parts
- Minimal straight pipe required
- Battery powered
- Built-in rate & total indicator
- Corrosion Resistant



Flow Meter Display

- Reminder: Display is touch screen interface only.
- Blank Display: Batteries dead or incorrectly installed - Check polarity, replace batteries.
- Reading “-EP-”: Empty or partly filled pipe.
- Flow but no flow rate reading: Heavily coated electrodes Remove meter and wipe electrodes.
- Change measurement from gallons to liters and vice-versa.
- Meter must be turned on and void of any liquid flow.
- For 3 seconds, simultaneously hold fingers on buttons: On / Off and Batch / Total.

Measurement Reading:

- Be sure to install Flow Meter at 45° angle.
- Be sure to use smooth hose (external and internal) to ensure smooth flow. Corrugated Hose of any kind is not recommended because it creates flow turbulence.
- Be sure to install recommended length of smooth hose on both the inlet and outlet of flow meter. A good rule of thumb is 10x the diameter of the pipe. For example, 1 inch x 10 = 10 inches.
- Excessive air pockets or foaming: Rearrange piping to ensure full pipe.

Flow Meter Battery Replacement

When the “Lo Batt” indicator appears, the batteries should be changed. Six alkaline AA cells are required. To change the batteries, first remove the four screws which hold the top cover in place. Be careful not to lose the washers. Move the top cover to one side and remove the foam retainer which covers the battery tray. Remove the old batteries and replace them with fresh ones, taking care to follow the polarity indicators in the battery tray. Replace the foam retainer, then put the top cover back in place. Put the four screws with washers back and tighten them firmly.

Flow Meter Reminder

There are no user-serviceable parts in the meter except the batteries.

