

Liquid Flow Meters and Controllers

Precision flow measurement and control for liquids



L liquid flow meter



LB portable liquid flow meter

LC/LCR liquid flow controller



Liquid Flow Meters and Controllers

Ultra-fast control for liquid flows with rock-solid stability and responsiveness.

Making You Faster

- **20 ms meter response.**
- **100 ms control response:** stills upstream fluctuations.
- **Instant on:** ready in 1 second.
- **All flow data** visible on one screen (flow, pressure, temp).
- **Controller PID valve tuning** for best speed and stability.

Quick Specs

Available flow ranges: 0-0.5 ccm to 0-10 lpm
Accuracy: $\pm 2\%$ of full scale (NIST-traceable).
Linear range: 2-100% of full scale (50:1).
Digital and analog outputs in multiple formats.
Stand-alone unit: no need for computer or PLC.
Portable meter: up to 18 hours of continuous use on a single charge, rechargeable via USB.
Lifetime warranty gives you peace of mind.

Tailored for You

L Liquid Flow Meter

Monitor liquid flows and line pressure in real time.

LB Portable Liquid Flow Meter

Easy, handheld flow verification takes just a few seconds.

LC Liquid Flow Controller

Control and dispense flowing liquids with fast response.

Customization Options:

Bidirectional Flow Calibration enables full-scale readings in both flow directions.

Integrated Flow Totalizer provides cumulative readings of total quantity flowed over time.

Precision Dispensing Package for fast and repeatable dispensing of liquids in batches.

CSA Class 1 Div 2 (ATEX Zone 2) Classification permits operation in hazardous environments.

Backlit Color Display shines in low lighting.

Sample Application

Product Dispensing

Dispense liquid products over a wide range of flow rates with the optional Precision Dispensing Package. Rapid valve response accommodates changing flow requirements and short dispensing periods. Digital feedback from PLC or PC allows real-time changes to maintain optimal process conditions.

