L-Series Liquid Meters and Controllers
MULTIVARIATE LIQUID FLOW MEASUREMENT AND CONTROL IN REAL-TIME

NIST-traceable accuracy to ±2% of full scale
No warm-up required
Steady state control 2–100% of full scale
30 millisecond response times


alicat.com/liquid
Alicat can make a high quantity of custom controllers or meters tailored specifically to your application.

Quick Specifications:

Available Full Scale Ranges:
0.5 CCM to 10 LPM

Accuracy:
±2% of full scale

Steady State Control Range:
2–100% of full scale

Response Time:
10 ms measurement response;
30 ms control response

Repeatability:
±2% of full scale

Communications:
Analog, RS–232, RS–485, DeviceNet, Modbus RTU,
EtherCAT, TCP/IP, EtherNet/IP, PROFIBUS, PROFINET

L/LC Meter or Controller
Measure or maintain stable control of liquid volumetric flow rate or pressure. Compatible with water, methanol, iso-propanol, ethanol, ammonia, dimethylether, iso-pentane, thiophene, iso-octane, and heptane.

LB Portable Meter
Calibrate, verify, or validate your process on-the-go with an 18-hour rechargeable battery and an intuitive interface.

Features

Solid stability and responsiveness:
- Instant on, ready in 1 second
- All flow data visible on one screen (flow, pressure, and temp)
- Controller PID valve tuning for best speed and stability

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