

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*



Adaptive. Multivariate. Responsive.

L-Series Liquid Meters and Controllers

ULTRA-FAST CONTROL AND MEASUREMENT

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

