

# Alicat LB-Series Liquid Flowmeters

## Battery Operated, LPM

Cole-Parmer®



These portable liquid flowmeters, with a rapid control response time of just 10 milliseconds (ms), provide real-time measurements of several key fluid properties, including flow rate, pressure, and temperature. This allows for accurate and stable control across a variety of liquids, such as water, methanol, ethanol, ammonia, dimethyl ether, isopentane, thiophene, iso-octane, and heptane. The measurements are presented in liters per minute (LPM), ensuring clarity for users working with precise fluid quantities.

Flowmeters come with convenient bleed screws, enabling users to remove air pockets from the system quickly. For enhanced data management, flowmeters feature a RS-232 data I/O port, which allows for seamless logging of data to your computer, making it easy to monitor and analyze flow performance over time.



Scan the QR code for more information on flowmeters.

### APPLICATIONS

- Perfect for liquid monitoring and mixing
- Ideal for general-purpose, laboratory, and industrial applications

### FEATURES/BENEFITS

- Built-in rechargeable battery with up to 18 hours life
- Accurately measures flow rate, pressure, and temperature of liquids in real time
- No warm-up required
- NIST-traceable accuracy up to  $\pm 2\%$  of full scale
- Max pressure rating of 75 psi
- Operating temperature range of  $-10$  to  $60$  °C ( $14$  to  $140$  °F)

USA	+1.800.323.4340
	+1.847.549.7600
Canada	+1.800.363.5900
China	86.21.5109.9909
India	+1.800.266.1244

UK	+44 (0) 1480.272279
	+33 (0) 1.87.170142*
	+49 (0) 937.792030*
Italy	+39.02.84349215
All others	+1.847.549.7600

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[coleparmer.com](http://coleparmer.com)

\*Inquiries from Germany and France are now handled in our St. Neots office by native-speaking experts.

## Specification and Ordering Table

Flow Range	Process Connection	Accuracy	Repeatability	Item Number
0 to 1 LPM	1/8" NPT (F)	±2% of full scale	±0.2% of full scale	<a href="#">67804-40</a>
0 to 2 LPM	1/4" NPT (F)	±2% of full scale	±0.2% of full scale	<a href="#">67804-41</a>
0 to 5 LPM	1/4" NPT (F)	±2% of full scale	±0.2% of full scale	<a href="#">67804-42</a>
0 to 10 LPM	1/4" NPT (F)	±2% of full scale	±0.2% of full scale	<a href="#">67804-43</a>