

# Alicat MB-Series Mass Flowmeters

## Battery Operated, SCCM

Cole-Parmer®



These portable mass flowmeters, with a fast control response time of 10 milliseconds (ms), offer quick integration into test stands for accurate verification without any warm-up time. Flowmeters come with 98 preloaded gas calibrations, which can be switched seamlessly while maintaining accuracy. The stand-alone units measure mass flow, volumetric flow, temperature, and absolute pressure with flow rates displayed in standard cubic centimeters per minute (SCCM). Key features include a rechargeable battery, backlit monochrome display, RS-232 data I/O port for logging data to your computer, and flexible mounting options, including upside-down installation.



Scan the QR code for more information on flowmeters.

### APPLICATIONS

- Perfect for controlled gas delivery, injection, and mixing
- Ideal for general-purpose, laboratory, and industrial applications

### FEATURES/BENEFITS

- Built-in rechargeable battery with up to 18 hours life
- Provides accurate, real-time mass and volumetric flow readings
- No warm-up required
- 98 preloaded gas calibrations
- NIST-traceable accuracy up to  $\pm 0.5\%$  of reading
- 1/8" NPT(F) process connection fittings
- Max pressure rating of 75 psi
- Operating temperature range of  $-10$  to  $60$  °C (14 to 140 °F)

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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 0.5 SCCM	±0.8% of reading + 0.2% of full scale	±0.2% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-69</a>
0 to 1 SCCM	±0.8% of reading + 0.2% of full scale	±0.2% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-70</a>
0 to 2 SCCM	±0.4% of reading + 0.2% of full scale	±0.2% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-71</a>
0 to 5 SCCM	±0.6% of reading	±0.2% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-72</a>
0 to 10 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-73</a>
0 to 20 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-74</a>
0 to 50 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-75</a>
0 to 100 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-76</a>
0 to 200 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-77</a>
0 to 500 SCCM	±0.6% of reading	±0.1% of reading + 0.02% of full scale	±0.2% of full scale	<a href="#">67802-78</a>