

# Alicat MC-Series Mass Flow Controllers SLPM with Digital Display

Cole-Parmer®



These mass flowmeters, with a fast measurement response time of 10 milliseconds (ms) and offer quick integration into test stands for accurate verification without any warm-up time. They are capable of measuring and controlling flow generated by both positive pressure and suction. Real-time monitoring of flow, pressure, and temperature is available directly on the display screen.

The controllers come with 98 preloaded gas calibrations, which can be seamlessly switched while maintaining accuracy. The stand-alone units measure mass flow, volumetric flow, temperature, and absolute pressure, with flow rates displayed in standard liters per minute (SLPM). Additional key features include an LCD display with backlight, a 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 flow monitoring and control, gas injection, and mixing
- Ideal for general-purpose, laboratory, and industrial applications

## FEATURES/BENEFITS

- Provides accurate, real-time mass and volumetric flow readings
- No warm-up required
- Ninety-eight preloaded gas calibrations
- NIST-traceable accuracy up to  $\pm 0.5\%$  of reading
- Max pressure rating of 75 psi
- Operating temperature range of  $-10$  to  $60$  °C ( $14$  to  $140$  °F)
- $1/8$ " NPT (F) threaded process connections

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China	86.21.5109.9909
India	+1.800.266.1244

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All others	+1.847.549.7600

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

## Specification and Ordering Table

Flow Range	Accuracy	Repeatability	Item Number
0 to 1 SLPM	$\pm 0.6\%$ of reading or $\pm 0.1\%$ of full scale, whichever is greater	$\pm 0.1\%$ of reading + $0.02\%$ of full scale	<a href="#">15309-04</a>
0 to 2 SLPM	$\pm 0.6\%$ of reading or $\pm 0.1\%$ of full scale, whichever is greater	$\pm 0.1\%$ of reading + $0.02\%$ of full scale	<a href="#">15309-05</a>
0 to 5 SLPM	$\pm 0.6\%$ of reading or $\pm 0.1\%$ of full scale, whichever is greater	$\pm 0.1\%$ of reading + $0.02\%$ of full scale	<a href="#">15309-06</a>
0 to 10 SLPM	$\pm 0.6\%$ of reading or $\pm 0.1\%$ of full scale, whichever is greater	$\pm 0.1\%$ of reading + $0.02\%$ of full scale	<a href="#">15309-07</a>
0 to 20 SLPM	$\pm 0.6\%$ of reading or $\pm 0.1\%$ of full scale, whichever is greater	$\pm 0.1\%$ of reading + $0.02\%$ of full scale	<a href="#">15309-08</a>