

# Alicat Whisper™ MW-Series Mass Flowmeters

## Low-Pressure Drop, SCCM

Cole-Parmer®



These low-pressure drop mass flowmeters utilize laminar differential pressure technology to deliver precise mass flow measurements for over 130 different gases. With a rapid control response time of just 100 milliseconds, they integrate easily into test stands, enabling immediate and accurate verification without the need for warm-up.

Designed to minimize pressure drop—as low as 0.07 psid. Each unit comes preloaded with 98 standard gas calibrations that can be easily switched without compromising accuracy.

These stand-alone devices measure mass flow, volumetric flow, temperature, and absolute pressure, with readings shown in standard cubic centimeters per minute (SCCM). Additional features include a backlit monochrome LCD display, a data I/O port for seamless data logging to a computer, and versatile mounting options—even allowing for upside-down installation.



Scan the QR code for more information on flowmeters.

### APPLICATIONS

- Perfect for applications with limited source pressure
- Ideal for general-purpose, laboratory, and industrial applications

### FEATURES/BENEFITS

- Provides accurate real-time mass and volumetric flow readings with minimal pressure drop
- No warm-up required
- 98 preloaded gas calibrations
- Max pressure rating of 80 psia
- 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

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	+49 (0) 937.792030*
Italy	+39.02.84349215
All others	+1.847.549.7600

Cole-Parmer®

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	Accuracy	Repeatability	Process Connection	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	M5 female (10-32 compatible)	<a href="#">67802-48</a>
0 to 1 SCCM	±0.8% of reading ±0.2% of full scale	±0.2% of reading ±0.02% of full scale	M5 female (10-32 compatible)	<a href="#">67802-49</a>
0 to 2 SCCM	±0.8% of reading ±0.2% of full scale	±0.2% of reading ±0.02% of full scale	M5 female (10-32 compatible)	<a href="#">67802-50</a>
0 to 5 SCCM	±0.8% of reading ±0.2% of full scale	±0.2% of reading ±0.02% of full scale	M5 female (10-32 compatible)	<a href="#">67802-51</a>
0 to 10 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	M5 female (10-32 compatible)	<a href="#">67802-52</a>
0 to 20 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	M5 female (10-32 compatible)	<a href="#">67802-53</a>
0 to 50 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	1/8" NPT(F)	<a href="#">67802-54</a>
0 to 100 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	1/8" NPT(F)	<a href="#">67802-55</a>
0 to 200 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	1/8" NPT(F)	<a href="#">67802-56</a>
0 to 500 SCCM	±0.75% of reading ±0.1% of full scale	±0.1% of reading ±0.02% of full scale	1/8" NPT(F)	<a href="#">67802-57</a>