

Cole-Parmer® Variable Area Flowmeters

65mm with Cartridge Valve

Cole-Parmer®



These single-flow-tube, variable area flowmeters with cartridge valves are designed for precise low-flow-rate measurements of air and water in mL/minute at a given set of pressure and temperature parameters. The Optigrad™ 65 mm universal scale minimizes parallax and eye fatigue.

The built-in high-resolution control valves offer high sensitivity control and resolution in conjunction with metering tubes of very low flow rates. Other features include aluminum mounting fittings with Buna® O-ring, black anodized aluminum housing consisting of side plates, thick protective magnifying front shield and back plate, and a borosilicate glass flow tube.



Scan the QR code for more information on flowmeters.

APPLICATIONS

- Perfect for metering carrier gases in chromatography, indicating and controlling gases in manufacturing processes, or liquid and gas measurement in laboratories and pilot plants
- Ideal for general-purpose, laboratory, and industrial applications

FEATURES/BENEFITS

- Cartridge valve is ideal for precise low-flow-rate measurements
- Easy installation and exchange of flow tubes
- Max operating temperature range of 121 °C (250 °F)
- Flowmeters feature 1/8" NPT(F) process connections
- Accuracy of $\pm 5\%$ of full-scale reading
- Repeatability of $\pm 0.25\%$
- Max pressure of 200 psi (13.8 bar)

USA	+1.800.323.4340
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Canada	+1.800.363.5900
China	86.21.5109.9909
India	+1.800.266.1244

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All others	+1.847.549.7600

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coleparmer.com

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

Specification and Ordering Table

Max Flow Rate (mL/min)		Float	Item Number
Water	Air		
—	19	Stainless	15309-72
0.5	49	Glass	15309-73
2.3	145	Stainless	15309-74
3	216	Glass	15309-75
11.7	538	Stainless	15309-76
20	1036	Glass	15309-77
70.5	2520	Stainless	15309-78
143	4917	Stainless	15309-79
364	12,058	Stainless	15309-80
723	24,452	Stainless	15309-81