

ECONOMICAL PURGE ROTAMETERS

CAPACITIES: 0.1 to 20 GPH of Water,

0.5 to 100 SCFH of Air

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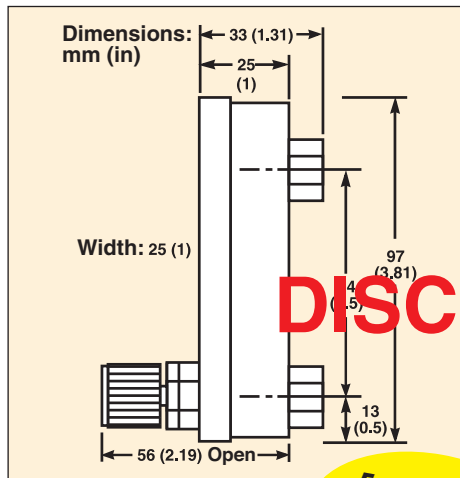
FL-1000 Series

\$115

All Models



- ✓ ±10% Full Scale Accuracy
- ✓ ±1% Full Scale Repeatability
- ✓ Low Pressure Drop
- ✓ Polycarbonate Construction
- ✓ Direct Reading Scales for Air and Water
- ✓ Fully Rotatable Line Connectors for Easy Hookup
- ✓ Convenient Panel Mounting
- ✓ Integral Flow Control Valve



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For correlation with other fluids, see page B-8.



Many fittings of various materials and styles are available. See pages T-35 to T-66.

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FL-1006 shown with standard mounting bracket (included) \$115, shown actual size.

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Advanced concepts and design at a very low cost—that's the OMEGA® FL-1000 Series of flowmeters, made of high-impact polycarbonate.

These units are designed to provide a practical approach to low flow rate indication of non-corrosive liquids and gases at the lowest possible cost. The FL-1000 Series flowmeter is equipped with a standard flow control valve. The FL-1000 flowmeter features a single unit polycarbonate tube, bezel and integral float stops for high impact resistance, with easy-to-read design, and ribbed tube construction for increased performance.

SPECIFICATIONS

Meter Body, Clean-Out Plug, Float Stop: FDA Approved Polycarbonate

Floats: 316 Stainless Steel (spherical)

O-Rings: Buna

Line Connectors: Stainless Steel

Valve: Stainless Steel

Scales

Nominal Length: 37 mm (1.46")

Display: Direct reading for air or water

Ratings

Maximum Operating Pressure: 100 psig

Operating Temperature: -29 to 54°C (-20 to 130°F). Fluid temperatures below 0°C (32°F) can cause frosting of plastic meter body

Connections: 1/8 FNPT, horizontal (inlet and outlet); fully rotatable

Flush Panel Mount Cutout:

94 x 24 mm (3.72 x .94")

Max Panel Thickness: 4.76 mm (3/16")

Pressure Drop:

FL-1002: 96" water

FL-1004: 136" water

FL-1006: 191" water

Accuracy: ±10% full scale

Repeatability: ±1% full scale

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AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Air Model No.	Price	Range (SCFH)	Water Model No.	Price	Range (GPH)
FL-1002	\$115	0.5 to 5.5	FL-1012	\$115	0.1 to 1.1
FL-1004	115	2.0 to 20	FL-1014	115	0.5 to 4.5
FL-1006	115	10 to 100	FL-1016	115	2.0 to 20

Comes complete with operator's manual and mounting bracket.

Ordering Examples: FL-1002, air rotameter with 0.5 to 5.5 range, \$115.

FL-1014, water rotameter with 0.5 to 4.5 GPH, 316 SS, \$115.

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Recommended Reference Book: Flow Measurement Engineering Handbook, OP-9, \$145. See Section Y for Additional Books.



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• Flow and Level

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