

COMPACT SHIELDED ROTAMETERS

Capacities: 0.002 to 1900 cc/min of Water

0.2 to 77,000 cc/min of Air

FL-200 Series
Starts at

\$151



Optional

- ✓ ±5% of Reading Accuracy or 2 mm of the scale length, whichever is greater
- ✓ ±1% of Reading Repeatability or ±0.5 scale division whichever is greater
- ✓ Polycarbonate Shield
- ✓ PTFE, Glass, and Viton® Construction for Broad Media Compatibility
- ✓ Compact, Economical Design
- ✓ Direct Reading Scales for Air and Water
- ✓ Low Pressure Drop

The FL-200 compact flowmeters are available with protective all-plastic shields that confine fluid contact to PTFE, Viton®, polypropylene bushings, and glass.

These flowmeters can be applied to systems under pressure or under



conditions where exposed glass may constitute a hazard. These shields employ plastic materials to combine high chemical resistance with economy.

SPECIFICATIONS

Metering Tube: Borosilicate glass

O-Rings: Viton®; PTFE optional

Float: 1 glass and 1 SS float. Only glass float supplied with FL-210.

Float Stops: PTFE

Bushings: Polypropylene

Tubing Insert: PTFE

Max. Temp:

Water: 82°C (180°F)

Other Fluids: 93°C (200°F)

Max. Pressure: 125 psig (8 bar)

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Nominal Ranges (cc/min)*		Thread	Max. Pressure psig
		Air	Water*		
FL-210	\$163	0.2 to 90	0.002 to 1.1	¼"	125
FL-211	155	1 to 280	0.01 to 4.0	¼"	125
FL-212	152	20 to 2100	0.4 to 40	¼"	100
FL-213	151	200 to 14,000	3 to 300	¼"	75
FL-214	216	1000 to 36,000	10 to 850	½"	60
FL-215	236	3000 to 77,000	30 to 1900	½"	50

Comes with complete operator's manual.

For 5-point NIST calibration certificate add "-NIST" to model number and \$195.

* For SS float, multiply air ranges by 1.78 and water ranges by 2.14.

Operating Example: FL-215, shielded rotameter with 3000 to 77,000 cc/min (air) range, \$236.

Accessory

Model No.	Price	Description
FW-337	\$92	Reference Book: Industrial Flow Measurement



FL-215, \$236, shown smaller than actual size.

Viton® is a registered trademark of Dupont Dow Elastomers.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters