

### New Low Cost Direct Reading Flowmeters

New economical flowmeters provide visual indication of flow with a direct reading scale. Eliminate correlation charts and lookup tables. Dual flow scale in GPM and LPM for liquid flowmeters. SCFM scales for air flow meters. Quik Loc (half union) connectors. Mount flowmeters vertically in the pipe system.

Select from models with and without flow control valves. Control valve models have 90° elbow connections and MPT threads for panel mounting. Chemical resistant polysulfone body and connectors with a SS float and guide rod. One year warranty.

**Direct Reading of flow rate**  
**Control valve available**



*FM80 flowmeters shown with optional 1/2" MPT connection*

#### SPECIAL FEATURES

*Direct reading scales for liquid or air*  
*Available with and without control valves*  
*Panel or rack mount*  
*All plastic body with 316SS float*

#### APPLICATIONS

*Cooling Systems*  
*Maintenance*  
*Pilot plants*  
*Monitoring Systems*

#### SPECIFICATIONS

**Measurement Range:** See ordering table  
**Display/Resolution:** varies 10:1 to 20:1  
**Accuracy:** ±5% full scale  
**Sensor:** guided float  
**Max. Fluid Temp.:** 100°C (212°F) @ 0 pressure  
**Max. Fluid Pressure:** 150 psig (10.3 bar) @ 21°C (70°F)  
**Max. Pressure Drop:** 2 psig (140 mbar)  
**Max. Fluid Debris Size:** 50 microns  
**Connections:** 3/8"NPT(F),  
 (with valve) 1/2" MPT, 8.62" centerline  
**Wetted parts:** Polysulfone, Viton, 316SS  
**Output:** none  
**Dimensions(L x W x D):**  
 (without valve) 225 x 51 x 51 mm (8.87 x 2 x 2 in.)  
 (with valve) 250 x 51 x 102 mm  
 (9.87 x 2 x 4 in.)  
**Weight:** approx. 113 g (4 oz)  
**Shipping Wt:** approx. 0.45 kg (1 lbs)

#### FM80 Ordering Information

Flow Range	Part No.	Part No.
<b>Liquid Flowmeters</b>	w/o valve	with Valve
0.4 to 4.0 LPM 0.1 to 1.0 GPM	FM80.001	FM80.101
0.75 to 7.5 LPM 0.2 to 2.0 GPM	FM80.002	FM80.102
1.8 to 18 LPM 0.5 to 5.0 GPM	FM80.003	FM80.103
<b>Air Flowmeters</b>	w/o valve	with Valve
1 to 12 SCFM	FM80.005	FM80.105
4 to 48 SCFM	FM80.006	FM80.106

Note: 1/2" MPT connection options available.

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