LOW COST ALL-PLASTIC VORTEX METERS
For Liquids Only with Flows As Low As 0.6 GPM

SPECIFICATIONS
Accuracies: 1% of max. span
Repeatability: 0.25% of rate
Temp. Range: -29 to 60°C (-20° to 140°F)
Max. Pressure (temperature and pressure are interrelated): 150 psi @ 21°C (70°F); 50 psi @ 60°C (140°F)*
Wetted Parts: PVC standard; CPVC or PVDF on special request
Power Supply: 13 to 30 Vdc (10 V drop through vortex meter)
Response Time: 7.5 sec.
Span Adjustment (must have known flowrate or frequency source): From 10% to 100% of max. span
Max. Overrange: 125% of max. span for 1⁄2 hr
Output Signal: linear 4 to 20 mA

*Note: System pressure must be high enough to avoid liquid cavitation.

OMEGA’s FV-600 and FV-500 Series vortex meters operate on the same field-proven vortex shedding principle. The FV-600 can operate on liquids with up to 6 centistoke viscosity; however, the minimum measurable flowrate rises to 50% of max. span. The 4 to 20 mA output is suitable for use with the DPF60 series meter, (see page M-23), as well as with OMEGA’S chart recorders and computer interfaces.

TO ORDER (Specify Model Number)

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<tr>
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<tbody>
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<td>FV-602</td>
<td>$1044</td>
<td>¼&quot;</td>
<td>0.6</td>
<td>5</td>
<td>20</td>
<td>0.68 (1.5)</td>
<td>133 (5.25)</td>
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<tr>
<td>FV-606</td>
<td>906</td>
<td>½&quot;</td>
<td>1.3</td>
<td>15</td>
<td>5</td>
<td>0.73 (1.6)</td>
<td>181 (7.13)</td>
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<td>0.77 (1.7)</td>
<td>194 (7.63)</td>
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<td>FV-610</td>
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<td>9</td>
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<td>203 (8.00)</td>
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<td>100</td>
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<td>1.41 (3.1)</td>
<td>213 (8.38)</td>
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<td>16.7</td>
<td>200</td>
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<td>1.23 (2.7)</td>
<td>213 (8.38)</td>
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*Max Span GPM = 20 mA; this can be adjusted with field calibration, which can be performed with a frequency source.
Ordering Example: FV-620, 2" NPT vortex meter with 200 GPM capacity, $1139.

Accessories

<table>
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<tr>
<th>Model No.</th>
<th>Price</th>
<th>Description</th>
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<tr>
<td>FW-204</td>
<td>$250</td>
<td>Reference Book: Consumer Guide to Vortex Shedding and Fluidic Flowmeters</td>
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</table>
More than 100,000 Products Available!

- **Temperature**

- **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

- **Data Acquisition**

- **Pressure, Strain and Force**
  Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

- **Heaters**