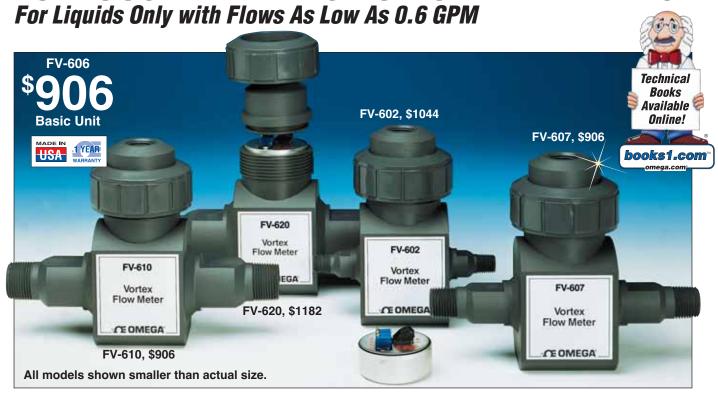
LOW COST ALL-PLASTIC VORTEX METERS



- Standard 4 to 20 mA Output for Use with DPF60 Batch and Ratemeters
- All-Plastic Wetted Parts Excellent for Use with Low Viscosity Corrosives and Ultra-Pure Liquids
- Modular Components Easily Replaced in the Field
- Male NPT Connected Threads Directly In-Line

SPECIFICATIONS

Accuracy: 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 ½ hr

Output Signal: linear 4 to 20 mA

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.

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

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)										
Model No.	Price	Male NPT Threads	Min. Flow (GPM)	Max. Span** (GPM)	Max. Press Drop (PSI)	Weight kg (lb)	Length mm (in)			
FV-602	\$1044	1/4"	0.6	5	20	0.68 (1.5)	133 (5.25)			
FV-606	906	1/2"	1.3	15	5	0.73 (1.6)	181 (7.13)			
FV-607	906	3/11	2.1	25	5	0.77 (1.7)	194 (7.63)			
FV-610	906	1"	4.2	50	9	0.82 (1.8)	203 (8.00)			
FV-615	1044	1½"	8.3	100	5	1.41 (3.1)	213 (8.38)			
FV-620	1182	2"	16.7	200	6	1.23 (2.7)	213 (8.38)			

*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" male NPT vortex meter with 200 GPM capacity, \$1139.

Accessories

Model No.	Price	Description	
FW-204	\$250	Reference Book: Consumer Guide to Vortex Shedding and Fluidic Flowmeters	

Your One-Stop Source for Process Measurement and Control!

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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

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