



"Look for the blue label!"

Looking for a turbine meter that can handle aggressive chemicals? Look at the PVDF Meter for a housing material that resists abrasion and has great chemical compatibility.

Use PVDF Meters with harsh chemicals: Bleach, Ferric Chloride, Phenol, Sulfuric Acid or Phosphoric Acid.

For complete part number, see "Number Reference" chart on page 15.

### Select Your Meter Size:

1/2 inch

1 inch



### Features and Benefits:

- ✓ Precision accuracy in a lightweight and durable meter.
- ✓ Lithium battery life: 5 years.
- ✓ Available with Local Display or Remote Transmitter.
- ✓ 2 Totals (Batch = Resettable, Cumulative = Non-Resettable); Rate of Flow. Factory calibrated in gallons and litres. Field calibratable. Allows user calibration. Includes non-volatile totals.
- ✓ Accessories easily upgrade meter.
- ✓ One field replaceable internal part making maintenance easy.

### PVDF – SPECIFICATIONS

<b>Fitting Type:</b>	NPT or ISO (Female)	
<b>Housing Material:</b>	PVDF	
<b>Meter Sizes Available:</b>	1/2" and 1"	
<b>Flow Range:</b>	<b>1/2" (P05)</b>	1.2 - 12 GPM (4.54 - 45.42 LPM)
	<b>1" (P10)</b>	5 - 50 GPM (18.9 - 190 LPM)
<b>Accuracy (% of Reading):</b>	<b>Turbine Only</b>	<b>Turbine w/Computer</b>
	<b>1/2" (P05)</b>	± 2.0%
	<b>1" (P10)</b>	± 1.5%
<b>Repeatability:</b>	± 0.3%	
<b>Pressure Rating:</b>	150 PSI / 10.2 BAR	
<b>Operating Temperature Range:</b>	-20° F to +180° F (-28° C to +82° C)	
<b>with Computer:</b>	0° F to +140° F (-18° C to +60° C)	
<b>Maximum Storage Temperature:</b>	-40° F to +250° F (-40° C to +121° C)	
<b>Typical K-Factor:</b>	<b>1/2" (P05)</b>	2,400
	<b>1" (P10)</b>	540
<b>Wetted Materials:</b>	<b>Housing:</b>	PVDF (15% Carbon Fiber Filled)
	<b>Bearings:</b>	Ceramic - 98% Alumina
	<b>Shaft:</b>	Ceramic - 98% Alumina
	<b>Rotor:</b>	PVDF
	<b>Rings:</b>	Fluorocarbon
<b>Optional O-Ring:</b>	PTFE	
<b>Frequency Range:</b>	<b>1/2" (P05)</b>	48 - 480 Hz @ 1.2 - 12 GPM
	<b>1" (P10)</b>	45 - 450 Hz @ 5 - 50 GPM
<b>Recommended Strainer Size:</b>		
	<b>1/2" (P05)</b>	55 mesh
	<b>1" (P10)</b>	28 mesh
<b>Maximum Flow:</b>	<b>1/2" (P05)</b>	15 GPM (56.8 LPM)
	<b>1" (P10)</b>	75 GPM (284 LPM)
<b>Shipping Weight:</b>	<b>1/2" (P05)</b>	1.3 lbs./0.6 kg - Turbine Only: 1.1 lbs./ .54 kg
	<b>1" (P10)</b>	1.9 lbs./0.8 kg - Turbine Only: 1.7 lbs./ .77 kg

### ELECTRONIC CHOICES

<b>Local Display, Remote Display &amp; Remote Transmitter Options:</b>	See Electronics Section.
--	--------------------------

### APPROVALS

