



"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

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

ELECTRONIC CHOICES

Local Display, Remote Display & Remote Transmitter Options:	See Electronics Section.
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APPROVALS

