G2 Industrial Meters - PVDF

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.

Select Your Meter Size:

1/2 inch 1 inch

Features and Benefits:

- ✓ Precision accuracy in a lightweight and durable meter.
- ✓ Installs easily.
- ✓ Available with Local Display or Remote Transmitter.
- ✓ Local Display Computer features: 2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons and litres; 2 User Calibrations and Flowrate.
- ✓ 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):		
	1/2" (P05)	± 2.0% (Turbine Only)
	1" (P10)	± 1.5% (Turbine Only)
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:		+14°F to +140°F (-10°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
	Bearings:	Ceramic - 98% Alumina
	Shaft:	Ceramic - 98% Alumina
	Rotor:	PVDF
	Rings:	Viton
Optional O-Ring:		Teflon®
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 Section 6 in back of catalog.
APPROVALS		
FM, cUL, CE, Ex, NEMA 4, ATEX, **IP44**		