



G2 Industrial Meters - Aluminum



GPI offers a full line of Industrial Meters in a variety of housing materials. Aluminum meters are best suited for petroleum based products. The modular design allows for maximum flexibility in meeting custom applications. Models are available with ISO or NPT fittings.

Select Your Meter Size:

1/2 inch 3/4 inch 1 inch 1-1/2 inch 2 inch



Features and Benefits:

- ✓ High precision, durable and compact turbine flowmeters.
- ✓ Modular design allows for use with Output Modules, Sensors and Remote Transmitters.
- ✓ Local Display Computer features: 2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons and litres; 2 User Calibrations and Flowrate.
- ✓ Internal parts are simple to replace for easy maintenance.
- ✓ Lightweight, compact design allows for easy installation.
- ✓ Powered by Lithium batteries for approximately 9,000 hours.

ALUMINUM - SPECIFICATIONS

Fitting Type:	NPT or ISO (Female)				
Housing Material:	Aluminum				
Meter Sizes Available:	1/2"	3/4"	1"	1-1/2"	2"
Flow Range:	1/2" (A05)	1 - 10 GPM	(3.8 - 37.9 LPM)		
	3/4" (A07)	2 - 20 GPM	(7.6 - 75.7 LPM)		
	1" (A10)	5 - 50 GPM	(18.9 - 190 LPM)		
	1-1/2" (A15)	10 - 100 GPM	(38.0 - 380 LPM)		
	2" (A20)	20 - 200 GPM	(76 - 760 LPM)		
Accuracy (% of Reading):		Turbine Only	Turbine w/Computer		
	1/2" (A05)	± 2.0%	± 1.5%		
	3/4" (A07)	± 1.5%	± 1.0%		
	1" (A10)	± 1.5%	± 1.0%		
	1-1/2" (A15)	± 1.0%	± 0.75%		
	2" (A20)	± 1.0%	± 0.75%		
Repeatability:	± 0.1%				
Pressure Rating:	300 PSI / 21 BAR				
Operating Temperature Range:	-40°F to +250°F (-40°C to +121°C)				
	with Computer: +14°F to +140°F (-10°C to +60°C)				
Typical K-Factor:	1/2" (A05)	2,500			
	3/4" (A07)	1,100			
	1" (A10)	565			
	1-1/2" (A15)	215			
	2" (A20)	100			
Wetted Materials:	Housing:	Aluminum			
	Bearings:	Ceramic			
	Shaft:	Tungsten Carbide			
	Rotor:	PVDF			
	Rings:	316 Stainless Steel			
Frequency Range:	1/2" (A05)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (A07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (A10)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (A15)	36 - 360 Hz @ 10 - 100 GPM			
	2" (A20)	33 - 330 Hz @ 20 - 200 GPM			
Recommended Strainer Size:					
	1/2" (A05)	55 mesh			
	3/4" (A07)	55 mesh			
	1" (A10)	55 mesh			
	1-1/2" (A15)	28 mesh			
	2" (A20)	28 mesh			
Maximum Flow:	1/2" (A05)	15 GPM (56.8 LPM)			
	3/4" (A07)	30 GPM (113.6 LPM)			
	1" (A10)	75 GPM (284 LPM)			
	1-1/2" (A15)	150 GPM (568 LPM)			
	2" (A20)	300 GPM (1,136 LPM)			
Wrench Flat Size:	1/2" (A05)	1-1/16 inch (27 mm)			
	3/4" (A07)	1-5/16 inch (33 mm)			
	1" (A10)	1-5/8 inch (41 mm)			
	1-1/2" (A15)	2-3/8 inch (60 mm)			
	2" (A20)	3 inch (75 mm)			
Shipping Weight:	1/2" (A05)	1.3 lbs./59 kg - Turbine Only: 1.1 lbs./50 kg			
	3/4" (A07)	1.4 lbs./63 kg - Turbine Only: 1.2 lbs./50 kg			
	1" (A10)	1.6 lbs./73 kg - Turbine Only: 1.4 lbs./63 kg			
	1-1/2" (A15)	2.8 lbs./1.3 kg - Turbine Only: 2.6 lbs./1.2 kg			
	2" (A20)	3.9 lbs./1.7 kg - Turbine Only: 3.7 lbs./1.7 kg			

ELECTRONIC CHOICES

Local Display, Remote Display	
& Remote Transmitter Options:	See Section 6.

APPROVALS



BUY SMART . BUY VALUE . BUY GPI