



# 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.

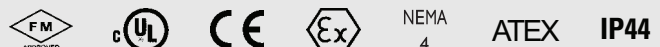
### ALUMINUM - SPECIFICATIONS

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

### ELECTRONIC CHOICES

<b>Local Display, Remote Display</b>	
<b>&amp; Remote Transmitter Options:</b>	See Section 6.

### APPROVALS



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