



# G2 Industrial Meters - Brass



The G2 Industrial Brass Meter allows another choice for fluid compatibility. The GPI Brass Meter works well with most water applications. Use with glucose, lacquer thinners and vegetable juices for example.

### Select Your Meter Size:

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



### Features and Benefits:

- ✓ High precision and durable 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.
- ✓ Powered by Lithium batteries for approximately 9,000 hours.

### BRASS - SPECIFICATIONS

<b>Fitting Type:</b>	NPT or ISO (Female)				
<b>Housing Material:</b>	Brass				
<b>Meter Sizes Available:</b>	1/2"	3/4"	1"	1-1/2"	2"
<b>Flow Range:</b>	1/2" (B05)	1 - 10 GPM (3.8 - 37.9 LPM)			
	3/4" (B07)	2 - 20 GPM (7.6 - 75.7 LPM)			
	1" (B10)	5 - 50 GPM (18.9 - 190 LPM)			
	1-1/2" (B15)	10 - 100 GPM (38.0 - 380 LPM)			
	2" (B20)	20 - 200 GPM (76 - 760 LPM)			
<b>Accuracy (% of Reading):</b>		<b>Turbine Only</b>	<b>Turbine w/Computer</b>		
	1/2" (B05)	± 2.0%	± 1.5%		
	3/4" (B07)	± 1.5%	± 1.0%		
	1" (B10)	± 1.5%	± 1.0%		
	1-1/2" (B15)	± 1.0%	± 0.75%		
	2" (B20)	± 1.0%	± 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" (B05)	2,500			
	3/4" (B07)	1,100			
	1" (B10)	565			
	1-1/2" (B15)	215			
	2" (B20)	100			
<b>Wetted Materials:</b>	<b>Housing:</b>	Brass			
	<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" (B05)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (B07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (B10)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (B15)	36 - 360 Hz @ 10 - 100 GPM			
	2" (B20)	33 - 330 Hz @ 20 - 200 GPM			
<b>Recommended Strainer Size:</b>					
	1/2" (B05)	55 mesh			
	3/4" (B07)	55 mesh			
	1" (B10)	28 mesh			
	1-1/2" (B15)	55 mesh			
	2" (B20)	28 mesh			
<b>Maximum Flow:</b>	1/2" (B05)	15 GPM (56.8 LPM)			
	3/4" (B07)	30 GPM (113.6 LPM)			
	1" (B10)	75 GPM (284 LPM)			
	1-1/2" (B15)	150 GPM (568 LPM)			
	2" (B20)	300 GPM (1,136 LPM)			
<b>Wrench Flat Size:</b>	1/2" (B05)	1-1/16 inch (27 mm)			
	3/4" (B07)	1-5/16 inch (33 mm)			
	1" (B10)	1-5/8 inch (41 mm)			
	1-1/2" (B15)	2-3/8 inch (60 mm)			
	2" (B20)	3 inch (75 mm)			
<b>Shipping Weight:</b>	1/2" (B05)	2.4 lbs./1.0 kg - Turbine Only: 2.2 lbs./1.0 kg			
	3/4" (B07)	2.6 lbs./1.1 kg - Turbine Only: 2.4 lbs./1.0 kg			
	1" (B10)	3.1 lbs./1.4 kg - Turbine Only: 2.9 lbs./1.3 kg			
	1-1/2" (B15)	3.1 lbs./1.4 kg - Turbine Only: 2.9 lbs./1.3 kg			
	2" (B20)	10.0 lbs./4.5 kg - Turbine Only: 9.8 lbs./4.4 kg			

### ELECTRONIC CHOICES

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

### APPROVALS



BUY SMART . BUY VALUE . BUY GPI