



# G2 Industrial Meters - Tri-Clover<sup>®</sup>



The GPI Stainless Steel Meters with Tri-Clover<sup>®</sup> fittings can be used with food, beverage and pharmaceutical industries in pre-process applications. Built of stainless steel construction, these meters come in five sizes to fit most every application.

### Select Your Meter Size:

- 1/2 inch Meter with 3/4 inch Fitting
- 3/4 inch Meter with 1 inch Fitting
- 1 inch Meter with 1-1/2 inch Fitting
- 1-1/2 inch Meter with 2 inch Fitting
- 2 inch Meter with 2-1/2 inch Fitting



### Features and Benefits:

- ✓ Stainless steel meter with Tri-Clover<sup>®</sup> fittings.
- ✓ 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 easy to replace.
- ✓ Powered by Lithium batteries for approximately 9,000 hours.
- ✓ Accessories easily upgrade meter.

### TRI-CLOVER<sup>®</sup> - SPECIFICATIONS

Fitting Type:	Tri-Clover <sup>®</sup>				
Housing Material:	316 Stainless Steel				
Meter Sizes Available:	1/2"	3/4"	1"	1-1/2"	2"
Tri-Clover <sup>®</sup> Fittings Available:	3/4"	1"	1-1/2"	2"	2-1/2"
Flow Range:	1/2" (S05T)	1 - 10 GPM (3.8 - 37.9 LPM)			
	3/4" (S07T)	2 - 20 GPM (7.6 - 75.7 LPM)			
	1" (S10T)	5 - 50 GPM (18.9 - 190 LPM)			
	1-1/2" (S15T)	10 - 100 GPM (38.0 - 380 LPM)			
	2" (S20T)	20 - 200 GPM (76 - 760 LPM)			
Accuracy (% of Reading):	Turbine Only		Turbine w/Computer		
	1/2" (S05T)	± 2.0%	± 1.5%		
	3/4" (S07T)	± 1.5%	± 1.0%		
	1" (S10T)	± 1.5%	± 1.0%		
	1-1/2" (S15T)	± 1.0%	± 0.75%		
	2" (S20T)	± 1.0%	± 0.75%		
Repeatability:	± 0.1%				
Pressure Rating:	450 PSI / 31 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" (S05T)	2,500			
	3/4" (S07T)	1,100			
	1" (S10T)	565			
	1-1/2" (S15T)	215			
	2" (S20T)	100			
Wetted Materials:	Housing:	316 Stainless Steel			
	Bearings:	Ceramic			
	Shaft:	Tungsten Carbide			
	Rotor:	PVDF			
	Rings:	316 Stainless Steel			
Frequency Range:	1/2" (S05T)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (S07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (S10T)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (S15T)	36 - 360 Hz @ 10 - 100 GPM			
	2" (S20T)	33 - 330 Hz @ 20 - 200 GPM			
Recommended Strainer Size:	1/2" (S05T)	55 mesh			
	3/4" (S07T)	55 mesh			
	1" (S10T)	28 mesh			
	1-1/2" (S15T)	55 mesh			
	2" (S20T)	28 mesh			
Maximum Flow:	1/2" (S05T)	15 GPM (56.8 LPM)			
	3/4" (S07T)	30 GPM (113.6 LPM)			
	1" (S10T)	75 GPM (284 LPM)			
	1-1/2" (S15T)	150 GPM (568 LPM)			
	2" (S20T)	300 GPM (1,136 LPM)			
Shipping Weight:	1/2" (S05T)	2.5 lbs./1.0 kg - Turbine Only: 2.3 lbs./1.0 kg			
	3/4" (S07T)	2.9 lbs./1.3 kg - Turbine Only: 2.7 lbs./1.2 kg			
	1" (S10T)	3.2 lbs./1.4 kg - Turbine Only: 3.0 lbs./1.3 kg			
	1-1/2" (S15T)	4.7 lbs./2.1 kg - Turbine Only: 4.5 lbs./2.0 kg			
	2" (S20T)	6.5 lbs./2.9 kg - Turbine Only: 6.3 lbs./2.8 kg			

### ELECTRONIC CHOICES

Local Display, Remote Display,	
& Remote Transmitter Options:	See Section 6 in back of catalog.

### APPROVALS



BUY SMART. BUY VALUE. BUY GPI