



"Look for the blue label!"

The FLOMEC® Stainless Steel Meters with Tri-Clover® fittings can be used with food and beverage industries in preprocess applications. Built of stainless steel construction, these meters come in five sizes to fit most every application.

For complete part number, see "Meter Number Reference" for this section.

### 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® fittings.
- ✓ Modular design allows for use with Output Modules, Sensors and Remote Transmitters.
- ✓ 2 Totals (Batch = Resettable, Cumulative = Non-Resettable); Rate of Flow. Factory calibrated in gallons and litres. Field calibratable. Allows user calibration. Includes non-volatile totals.
- ✓ Internal parts are easy to replace.
- ✓ Lithium battery life: 5 years.
- ✓ Accessories easily upgrade meter.

### TRI-CLOVER® – SPECIFICATIONS

<b>Fitting Type:</b>	Tri-Clover®				
<b>Housing Material:</b>	316 Stainless Steel				
<b>Meter Sizes Available:</b>	1/2"	3/4"	1"	1-1/2"	2"
<b>Tri-Clover® Fittings Available:</b>	3/4"	1"	1-1/2"	2"	2-1/2"
<b>Flow Range:</b>	<b>1/2" (S05T)</b>	1 - 10 GPM (3.8 - 37.9 LPM)			
	<b>3/4" (S07T)</b>	2 - 20 GPM (7.6 - 75.7 LPM)			
	<b>1" (S10T)</b>	5 - 50 GPM (18.9 - 190 LPM)			
	<b>1-1/2" (S15T)</b>	10 - 100 GPM (38.0 - 380 LPM)			
	<b>2" (S20T)</b>	20 - 200 GPM (76 - 760 LPM)			
<b>Accuracy (% of Reading):</b>	<b>Turbine Only</b>		<b>Turbine w/Computer</b>		
	<b>1/2" (S05T)</b>	± 2.0%	± 1.5%		
	<b>3/4" (S07T)</b>	± 1.5%	± 1.0%		
	<b>1" (S10T)</b>	± 1.5%	± 1.0%		
	<b>1-1/2" (S15T)</b>	± 1.0%	± 0.75%		
	<b>2" (S20T)</b>	± 1.0%	± 0.75%		
<b>Repeatability:</b>	± 0.1%				
<b>Pressure Rating:</b>	Limited by fitting size, clamp size & temp.				
<b>Operating Temperature Range:</b>	-40° F to +250° F (-40° C to +121° C)				
<b>with Computer:</b>	0° F to +140° F (-18° C to +60° C)				
<b>Typical K-Factor:</b>	<b>1/2" (S05T)</b>	2,500 PPG / 660 PPL			
	<b>3/4" (S07T)</b>	1,100 PPG / 291 PPL			
	<b>1" (S10T)</b>	565 PPG / 149 PPL			
	<b>1-1/2" (S15T)</b>	215 PPG / 57 PPL			
	<b>2" (S20T)</b>	100 PPG / 26 PPL			
<b>Wetted Materials:</b>	<b>Housing:</b>	316 Stainless Steel			
	<b>Bearings:</b>	96% Alumina Ceramic			
	<b>Shaft:</b>	Tungsten Carbide			
	<b>Rotor:</b>	PVDF			
	<b>Rings:</b>	316 Stainless Steel			
<b>Frequency Range:</b>	<b>1/2" (S05T)</b>	42 - 420 Hz @ 1 - 10 GPM			
	<b>3/4" (S07)</b>	37 - 370 Hz @ 2 - 20 GPM			
	<b>1" (S10T)</b>	47 - 470 Hz @ 5 - 50 GPM			
	<b>1-1/2" (S15T)</b>	36 - 360 Hz @ 10 - 100 GPM			
	<b>2" (S20T)</b>	33 - 330 Hz @ 20 - 200 GPM			
<b>Recommended Strainer Size:</b>	<b>1/2" (S05T)</b>	60 mesh (250 micron)			
	<b>3/4" (S07T)</b>	60 mesh (250 micron)			
	<b>1" (S10T)</b>	60 mesh (250 micron)			
	<b>1-1/2" (S15T)</b>	30 mesh (595 micron)			
	<b>2" (S20T)</b>	30 mesh (595 micron)			
<b>Maximum Flow:</b>	<b>1/2" (S05T)</b>	15 GPM (56.8 LPM)			
	<b>3/4" (S07T)</b>	30 GPM (113.6 LPM)			
	<b>1" (S10T)</b>	75 GPM (284 LPM)			
	<b>1-1/2" (S15T)</b>	150 GPM (568 LPM)			
	<b>2" (S20T)</b>	300 GPM (1,136 LPM)			
<b>Shipping Weight:</b>	<b>1/2" (S05T)</b>	2.5 lbs./1.0 kg - Turbine Only: 2.3 lbs./1.0 kg			
	<b>3/4" (S07T)</b>	2.9 lbs./1.3 kg - Turbine Only: 2.7 lbs./1.2 kg			
	<b>1" (S10T)</b>	3.2 lbs./1.4 kg - Turbine Only: 3.0 lbs./1.3 kg			
	<b>1-1/2" (S15T)</b>	4.7 lbs./2.1 kg - Turbine Only: 4.5 lbs./2.0 kg			
	<b>2" (S20T)</b>	6.5 lbs./2.9 kg - Turbine Only: 6.3 lbs./2.8 kg			
<b>Calibration Report</b>	Comes standard with G2 Series meters. N.I.S.T. – Certification available.				

### ELECTRONIC CHOICES

**Local Display, Remote Display & Remote Transmitter Options:** See Electronics Section.

### APPROVALS

