The GPI Stainless Steel Meters with Tri-Clover® fittings can be used with food and beverage 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® 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® - SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Fitting Type</th>
<th>Tri-Clover®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Material</td>
<td>316 Stainless Steel</td>
</tr>
<tr>
<td>Meter Sizes Available:</td>
<td>1/2” 3/4” 1” 1-1/2” 2”</td>
</tr>
<tr>
<td>Tri-Clover® Fittings Available:</td>
<td>3/4” 1” 1-1/2” 2” 2-1/2”</td>
</tr>
<tr>
<td>Flow Range:</td>
<td></td>
</tr>
<tr>
<td>1/2” (S05T)</td>
<td>1 - 10 GPM (3.8 - 37.9 LPM)</td>
</tr>
<tr>
<td>3/4” (S07T)</td>
<td>2 - 20 GPM (7.6 - 75.7 LPM)</td>
</tr>
<tr>
<td>1” (S10T)</td>
<td>5 - 50 GPM (18.9 - 190 LPM)</td>
</tr>
<tr>
<td>1-1/2” (S15T)</td>
<td>10 - 100 GPM (38.0 - 380 LPM)</td>
</tr>
<tr>
<td>2” (S20T)</td>
<td>20 - 200 GPM (76 - 760 LPM)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accuracy (% of Reading):</th>
<th>Turbine Only</th>
<th>Turbine w/Computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” (S05T)</td>
<td>± 2.0%</td>
<td>± 1.5%</td>
</tr>
<tr>
<td>3/4” (S07T)</td>
<td>± 1.5%</td>
<td>± 1.0%</td>
</tr>
<tr>
<td>1” (S10T)</td>
<td>± 1.5%</td>
<td>± 1.0%</td>
</tr>
<tr>
<td>1-1/2” (S15T)</td>
<td>± 1.0%</td>
<td>± 0.75%</td>
</tr>
<tr>
<td>2” (S20T)</td>
<td>± 1.0%</td>
<td>± 0.75%</td>
</tr>
</tbody>
</table>

| Repeatability: | ± 0.1% |

| Pressure Rating: | Limited by fitting size |

<table>
<thead>
<tr>
<th>Operating Temperature Range:</th>
<th>without Computer:</th>
<th>+14°F to +140°F (-10°C to +60°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical K-Factor:</td>
<td>1/2” (S05T)</td>
<td>2,500</td>
</tr>
<tr>
<td></td>
<td>3/4” (S07T)</td>
<td>1,100</td>
</tr>
<tr>
<td></td>
<td>1” (S10T)</td>
<td>565</td>
</tr>
<tr>
<td></td>
<td>1-1/2” (S15T)</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>2” (S20T)</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wetted Materials:</th>
<th>Housing:</th>
<th>316 Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearings:</td>
<td>Ceramic</td>
<td></td>
</tr>
<tr>
<td>Shaft:</td>
<td>Tungsten Carbide</td>
<td></td>
</tr>
<tr>
<td>Rotor:</td>
<td>PVDF</td>
<td></td>
</tr>
<tr>
<td>Rings:</td>
<td>316 Stainless Steel</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frequency Range:</th>
<th>1/2” (S05T)</th>
<th>42 - 420 Hz @ 1 - 10 GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/4” (S07T)</td>
<td>37 - 370 Hz @ 2 - 20 GPM</td>
</tr>
<tr>
<td></td>
<td>1” (S10T)</td>
<td>47 - 470 Hz @ 5 - 50 GPM</td>
</tr>
<tr>
<td></td>
<td>1-1/2” (S15T)</td>
<td>36 - 360 Hz @ 10 - 100 GPM</td>
</tr>
<tr>
<td></td>
<td>2” (S20T)</td>
<td>33 - 330 Hz @ 20 - 200 GPM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended Strainer Size:</th>
<th>1/2” (S05T)</th>
<th>55 mesh</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/4” (S07T)</td>
<td>55 mesh</td>
</tr>
<tr>
<td></td>
<td>1” (S10T)</td>
<td>28 mesh</td>
</tr>
<tr>
<td></td>
<td>1-1/2” (S15T)</td>
<td>55 mesh</td>
</tr>
<tr>
<td></td>
<td>2” (S20T)</td>
<td>28 mesh</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum Flow:</th>
<th>1/2” (S05T)</th>
<th>15 GPM (56.8 LPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/4” (S07T)</td>
<td>30 GPM (113.6 LPM)</td>
</tr>
<tr>
<td></td>
<td>1” (S10T)</td>
<td>75 GPM (284 LPM)</td>
</tr>
<tr>
<td></td>
<td>1-1/2” (S15T)</td>
<td>150 GPM (568 LPM)</td>
</tr>
<tr>
<td></td>
<td>2” (S20T)</td>
<td>300 GPM (1,136 LPM)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shipping Weight:</th>
<th>1/2” (S05T)</th>
<th>2.5 lbs./1.0 kg - Turbine Only: 2.3 lbs./1.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/4” (S07T)</td>
<td>2.9 lbs./1.3 kg - Turbine Only: 2.7 lbs./1.2 kg</td>
</tr>
<tr>
<td></td>
<td>1” (S10T)</td>
<td>3.2 lbs./1.4 kg - Turbine Only: 3.0 lbs./1.3 kg</td>
</tr>
<tr>
<td></td>
<td>1-1/2” (S15T)</td>
<td>4.7 lbs./2.1 kg - Turbine Only: 4.5 lbs./2.0 kg</td>
</tr>
<tr>
<td></td>
<td>2” (S20T)</td>
<td>6.5 lbs./2.9 kg - Turbine Only: 6.3 lbs./2.8 kg</td>
</tr>
</tbody>
</table>

**ELECTRONIC CHOICES**

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

**APPROVALS**

- UL
- CE
- Ex
- NEMA 4
- ATEX
- IP44

**BUY SMART. BUY VALUE. BUY GPI.**