GPI Water Meters are accurate, economical and designed to last. Choose GPI Water Meters for water processing and irrigation applications. The TM Series Water Meters meet Schedule 80 PVC specifications and come standard with the low-profile display. Meters come in seven sizes with three fitting types, offering flowrates from 1 - 800 GPM.
### Product Identifier

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM</td>
<td>Water Meter</td>
</tr>
</tbody>
</table>

### Turbine Size

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>050</td>
<td>Schedule 80 PVC, 1/2 inch</td>
</tr>
<tr>
<td>075</td>
<td>Schedule 80 PVC, 3/4 inch</td>
</tr>
<tr>
<td>100</td>
<td>Schedule 80 PVC, 1 inch</td>
</tr>
<tr>
<td>150</td>
<td>Schedule 80 PVC, 1-1/2 inch</td>
</tr>
<tr>
<td>200</td>
<td>Schedule 80 PVC, 2 inch</td>
</tr>
<tr>
<td>300</td>
<td>Schedule 80 PVC, 3 inch</td>
</tr>
<tr>
<td>400</td>
<td>Schedule 80 PVC, 4 inch</td>
</tr>
</tbody>
</table>

*Meter Dimensions listed on page 77.*

### Fitting Type

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>Spigot (Pipe) End</td>
</tr>
<tr>
<td>-N</td>
<td>NPT (Female)</td>
</tr>
<tr>
<td>-F</td>
<td>150# ANSI Flange (3 in. and 4 in. meters only)</td>
</tr>
</tbody>
</table>

### Electronic Choices

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>Local Display</td>
</tr>
<tr>
<td>-P</td>
<td>Pulse Output</td>
</tr>
<tr>
<td>-GA</td>
<td>4-20 mA Output, No Display (3 in. and 4 in. meters only)</td>
</tr>
<tr>
<td>-GG</td>
<td>Pulse Output, With Display (3 in. and 4 in. meters only)</td>
</tr>
<tr>
<td>-GX</td>
<td>4-20 mA Output, With Display (3 in. and 4 in. meters only)</td>
</tr>
<tr>
<td>-SC</td>
<td>Scaled Pulse Output (3 in. and 4 in. meters only)</td>
</tr>
</tbody>
</table>

---

**Sample Model Number:**

```
TM + 300 + -N + -GA
```

(Sample Model Number)
### TM SERIES – SPECIFICATIONS

| Design Type: | Turbine |
| Fitting Size: | 1/2” | 3/4” | 1” | 1-1/2” | 2” |
| Fit Type: | Schedule 80 Spigot (Pipe) End or NPT (Female) |

**Flow Range:**
- 1/2” - TM 050: 1 - 10 GPM (3.8 - 38 LPM)
- 3/4” - TM075: 2 - 20 GPM (7.6 - 76 LPM)
- 1” - TM100: 5 - 50 GPM (19 - 190 LPM)
- 1-1/2” - TM150: 10 - 100 GPM (38 - 380 LPM)
- 2” - TM200: 20 - 200 GPM (76 - 760 LPM)

**Accuracy:** ± 3.0% of reading

**Pressure Rating:** 225 PSIG / 15.3 BAR at 73° F (23° C)

**Operating Temperature:** +32° F to +140° F (0° to +60° C)

**Battery Life:** 5 Years

**Wetted Materials:**
- Housing: PVC
- Bearings: Ceramic
- Shaft: Tungsten Carbide
- Rotor: PVDF
- Rings: 316 Stainless Steel

**Shipping Weight (approx.):**
- Spigot
  - 1/2” - TM050: .38 lbs. (.172 kg)
  - 3/4” - TM075: .43 lbs. (.194 kg)
  - 1” - TM100: .49 lbs. (.222 kg)
  - 1-1/2” - TM150: .66 lbs. (.300 kg)
  - 2” - TM200: .78 lbs. (.354 kg)
- NPT
  - 1/2” - TM050: .55 lbs. (.249 kg)
  - 3/4” - TM075: .67 lbs. (.304 kg)
  - 1” - TM100: .49 lbs. (.222 kg)
  - 1-1/2” - TM150: 1.38 lbs. (.626 kg)
  - 2” - TM200: 1.78 lbs. (.807 kg)

**Display Features:** Rate of Flow, Batch and Cumulative Totals, Field Calibration available

**Pulse Output:** Open Collector (NPN)

### ACCURACY: ±3.0% READING

**Features and Benefits:**
- Easy to install.
- Displays in gallons, litres and cubic feet.
- Indicates Batch, Cumulative Totals and Rate of Flow.
- Available in NPT or Spigot fittings.
- Meets Schedule 80 specifications.
- Lithium battery life: 5 years.
- Non-volatile totals means amounts are retained when batteries are replaced or power is lost.

**Applications:**
- OEM water treatment equipment / skids
- Small waste water treatment equipment
- Sub-metering of facility water usage
- Water based cooling systems

---

TM Series Meters are designed for use in water applications. The five smallest sizes are shown here. (For 3” and 4” meters, see next page.) Choose either Spigot (pipe end) or NPT or fittings.

For complete part number, see "Number Reference" chart on page 46.
TM SERIES Meters are designed for use in water applications. The 3” and 4” models are shown here. Choose Spigot (pipe end), NPT or 150# ANSI Flange fittings.

For complete part number, see “Number Reference” chart on page 46.

ACCURACY: ±3.0% READING

Features and Benefits:
✓ Available in Spigot, NPT and Flange fittings.
✓ Displays in gallons, litres and cubic feet.
✓ Indicates Batch, Cumulative Totals and Rate of Flow.
✓ One-piece field replaceable turbine assembly.
✓ Spigot models may be cut to length.
✓ Meets Schedule 80 specifications.
✓ Lithium battery life: 5 years.
✓ Non-volatile totals means amounts are retained when batteries are replaced or power is lost.

Applications:
- OEM water treatment equipment / skids
- Chemical feed systems
- Sub-metering of facility water usage
- Cooling towers
- Irrigation
- Waste water treatment equipment
- OEM water treatment equipment / skids
- Chemical feed systems
- Sub-metering of facility water usage
- Cooling towers
- Irrigation