Monitor flow rate or total flow with Model TM2 Flow Totalizer. Unit features a four digit flow rate display and an eight digit totalizing display with a programmable, five position decimal point. Easily toggle between rate and total with front-panel push-button. Use scaling factor to define flow rate in engineering units such as ml/min, l/min, or gal/hr.

Model TM2

**ACCESSORY**
TM25, Replacement 3V lithium battery

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The Series GFT2 Flow Totalizer is a microcontroller driven device designed to linearize the flow meter and controller flow curve plus display the instantaneous flow rate, total, and accumulated total. The totalizer is intended to be used with analog flow meters and controllers with analog 0 to 5 VDC, 0 to 10 VDC, or 4 to 20 mA interface. RS-232 or RS-485 digital interface is available.

**FEATURES**
- Up to 47 different volumetric and mass flow engineering units (including user-defined)
- User adjustable LCD back light and contrast level
- Compact design for unit mount, panel mount, wall mount, or field mount applications
- Low and high flow alarms with programmable action delay
- Free configuration and mounting utility software
- 0.51” (13 mm) LCD digits for flow rate, and 0.21” (5.5 mm) digits for total

**SPECIFICATIONS**
- **Input**: 7.5 VDC max. pulse.
- **Accuracy**: ±0.2%.
- **Input Impedance**: 27 kΩ at 3 VDC.
- **Totalizer Type**: Up count.
- **Rate Indication Type**: Frequency.
- **Count Input Speed**: 10 kHz @ 50% duty cycle.
- **Totalizing Range**: 0.0001 to 100.0000 (five position decimal point).
- **Rate Indication Range**: 0.001 to 9999 (five position decimal point).
- **Update Time**: 0.7 s.
- **Display**: 8-digit LCD, 7/16” H.
- **Temperature Limits**: 32 to 131°F (0 to 55°C).
- **Housing Material**: ABS X-17.
- **Power Requirements**: 3 V lithium metal battery, installed non-functional, user replaceable.
- **Average Battery Life**: Approximately 5 years.
- **Weight**: 1 lb (0.5 kg).
- **Agency Approvals**: CE.

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The Series GFT2 Flow Totalizer is a microcontroller driven device designed to linearize the flow meter and controller flow curve plus display the instantaneous flow rate, total, and accumulated total. The totalizer is intended to be used with analog flow meters and controllers with analog 0 to 5 VDC, 0 to 10 VDC, or 4 to 20 mA interface. RS-232 or RS-485 digital interface is available.

**FEATURES**
- Up to 47 different volumetric and mass flow engineering units (including user-defined)
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- 0.51” (13 mm) LCD digits for flow rate, and 0.21” (5.5 mm) digits for total

**SPECIFICATIONS**
- **Input Analog Range**: 0 to 5 VDC, 0 to 10 VDC, or 4 to 20 mA.
- **Accuracy**: ±0.1% FS.
- **Operating Temperature**: 14 to 158°F (-10 to 70°C).
- **Power Supply**: 12 to 26 VDC.
- **Weight**: 0.3 lb (125 g).

**Serial Communication**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Serial Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>GFT2-05-RS232</td>
<td>0 to 5 VDC</td>
<td>RS-232</td>
</tr>
<tr>
<td>GFT2-10-RS232</td>
<td>0 to 10 VDC</td>
<td>RS-232</td>
</tr>
<tr>
<td>GFT2-15-RS232</td>
<td>4 to 20 mA</td>
<td>RS-232</td>
</tr>
<tr>
<td>GFT2-05-RS485</td>
<td>0 to 5 VDC</td>
<td>RS-485</td>
</tr>
<tr>
<td>GFT2-10-RS485</td>
<td>0 to 10 VDC</td>
<td>RS-485</td>
</tr>
<tr>
<td>GFT2-15-RS485</td>
<td>4 to 20 mA</td>
<td>RS-485</td>
</tr>
</tbody>
</table>

**ACCESSORY**

- **TM25**: Replacement 3V lithium battery
- **GFT2-20C**, **A-645**: Flow controller mounting kit, power supply
- **A-646**: Flow controlling mounting kit, no cables

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