**Flow Totalizer**

**Model TM2**

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.

**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.

**Model TM2**

**ACCESSORY**

TM25, Replacement battery for Series TM2

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**Series GFT2**

**Flow Totalizer**

**Graphic LCD, Digital RS-232 or RS-485 Interface**

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 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 (129 g).

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

**Model**

- **Description**
  - GFT2-20C: Flow controller mounting kit, power supply
  - A-645: Flow controller mounting kit, no cables
  - A-646: Flow meter mounting kit, no cables