The Series SPPM Smart Programmable Panel Meters are configurable full-color touch screen displays that can be used in a variety of applications. By using a USB connection, the panel meter can be configured with downloadable software for any computer running Windows® based software. The display features remarkable graphics that can easily be customized to read and/or graph pressure, temperature, humidity, gas concentration, or many other parameters.

**FEATURES/BENEFITS**
- Available with 2.4˝, 2.8˝, or 3.5˝ color touch screen display
- Free downloadable Windows® software allows the unit to be customized to specific applications

**APPLICATIONS**
- Tank level
- Power monitoring
- Room pressurization condition
- Indoor air quality conditions

**SAMPLE PROGRAMMABLE DISPLAY CONFIGURATIONS**

**SPECIFICATIONS**

- **SPPM SPECIFICATIONS**
  - Inputs: Current: 0-50 mA, scalable (factory set from 4-20 mA); Voltage: 0-40 VDC, scalable (factory set from 0-10 V).
  - Accuracy: 0.1%.
  - Resolution: 0.3 to 9.8 mV (depending on input range).
  - Power Supply: 4-30 VDC max or via USB.
  - Current Consumption: 190 mA max.
  - Display: 2.4˝, 2.8˝ or 3.5˝ TFT full color touch screen.
  - Display Resolution: 320 x 240 pixels.
  - Sampling Rate: 3 samples/s.
  - Temperature Limits: 32 to 104°F (0 to 40°C).
  - Warm Up: 30 s.
  - Mounting: Panel mount.
  - Electrical Connection: Screw terminals, pin connection, or USB.
  - Weight: 2.8 oz (79.4 g).
  - Agency Approvals: CE.

- **SPPM-HSG SPECIFICATIONS**
  - Service: Indoor or outdoor.
  - Material: Painted aluminum or glass.

- **A-SPPM-TC SPECIFICATIONS**
  - Probe Measurement Range: K-type: -328 to 2462°F (-200 to 1350°C); J-type: -328 to 2174°F (-200 to 1190°C); T-type: -328 to 734°F (-200 to 390°C).
  - Temperature Limits: 14 to 104°F (-10 to 40°C).
  - Resolution: 1.0°F (0.5°C).
  - Power Requirements: Powered by USB port through SPPM panel meter.
  - Accuracy: ±2.0°F (±1.0°C).
  - Weight: 0.9 oz (25.5 g).
  - Agency Approvals: CE.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SPPM-TC</td>
<td>Thermocouple input board</td>
</tr>
<tr>
<td>SPPM-CA</td>
<td>Mini USB to full USB cable</td>
</tr>
<tr>
<td>SPPM-HSG24</td>
<td>2.4˝ display housing</td>
</tr>
<tr>
<td>SPPM-HSG28</td>
<td>2.8˝ display housing</td>
</tr>
</tbody>
</table>

Note: Additional configurations available via online software.