**Series MTL Miniature USB Data Logger**

**Measure Temperature, Humidity, and Dew Point**

The Series MTL Miniature USB Data Logger measures and records accurate readings for temperature or temperature/humidity/dew point in a wide range of applications. Sampling intervals and high/low alarm settings are user selectable through the included easy to use Windows® based software. On models ordered with an integral display, the temperature and humidity readings alternate on the display. The series MTL can be software configured to begin measuring based on a time delayed start or by push-button. The logger can store up to 43,344 readings and can be set to stop on memory full or for continuous recording. Stored data is downloaded by plugging the unit into a PC’s USB port (cable included). The loggers provide measurements for many environment conditions, which make them ideal for refrigeration systems, laboratories, and medical storage facilities.

### SPECIFICATIONS

**Temperature Range:**
- MTL20: -40 to 185°F (-40 to 85°C);
- MTL30: -40 to 160°F (-40 to 70°C);
- 0% to 99% RH (non-condensing).

**Accuracy:**
- MTL20: ±1°F (±0.5°C);
- MTL30: ±1°F (±0.5°C), ±2% RH from 10% to 90% RH.

**Resolution:**
- Non-LCD models: 0.01°F (0.01°C), 0.01% RH;
- LCD models: 0.1°F (0.1°C), 0.1% RH.

**Memory Size:**
- 43,344 temperature; 21,672 each temperature and RH.

**Sampling Mode:**
- Stop on memory full or memory rollover for continuous recording.

**Sampling Rate:**
- 1 sec. to 18 hrs.

**Computer Requirements:**
- Windows® based application software included.

**Power Requirements:**
- 3.0 V lithium battery (included).

**Alarms:**
- Programmable high/low.

**Interface:**
- USB port (cable included).

**Weight:**
- 1 oz (28 g).

**Agency Approvals:**
- CE.

### Model Selection

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Type</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTL-20</td>
<td>Temperature</td>
<td>No</td>
</tr>
<tr>
<td>MTL-30</td>
<td>Temperature/Humidity/Dew Point</td>
<td>No</td>
</tr>
<tr>
<td>MTL-20-LCD</td>
<td>Temperature</td>
<td>Yes</td>
</tr>
<tr>
<td>MTL-30-LCD</td>
<td>Temperature/Humidity/Dew Point</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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Data Loggers & Recorders