Wireless and High Accuracy Thermocouple Thermometers

HH802 Series

- Wireless Model HH802W
- J/K Input
- High 0.05% Reading Accuracy
- Includes NIST-Traceable Calibration Certificate (No Points)
- MAX/MIN/AVG/REL/HOLD
- Auto Power-Off
- High/Low Alarm (Audible)
- Dual Temperature Display
- 1 Second Sample Rate
- Optional Windows Software
- Optional AC Adaptor (USB Models Only)

HH802U is a dual input high accuracy J/K input thermocouple thermometer that features two 5 digit displays for temperature and a third display for elapsed time. HH802U also has a built-in USB port for use with the optional Windows data logging software and cable, as well as a DC power jack for extended use with the optional AC adaptor. HH802W replaces the USB port with a built-in wireless interface for cable-free data transmission to a PC when purchased with the optional wireless receiver and Windows software.

Specifications

Measurement Range:
- Type K: -200.0 to 1370.0°C (-328.0 to 2498.0°F)
- Type J: -200.0 to 1200.0°C (-328.0 to 2192.0°F)

Accuracy:
- Stated accuracy at 23°C
  ±5°C, ±75% RH
  ±(0.05% rdg + 0.3°C) -50 to 1370°C
  ±(0.05% rdg + 0.7°C) -50 to -200°C
  ±(0.05% rdg + 0.6°F) -58 to 2498°F
  ±(0.05% rdg + 1.4°F) -58 to -328°F

Measurement Rate: 1 times/second
Operating Environment: 0 to 50°C at <70% RH
Storage Temperature: -20 to 60°C, 0 to 80% RH with battery removed
Battery: 4 x 1.5V “AAA” (included)
Dimensions: 160 H x 83 W x 38 mm D (6.3 x 3.3 x 1.5”)
Weight: Approx. 270 g (0.5 lb) including batteries

Wireless Features:
- Frequency Range: USA 900 MHz
- European 868.0 to 868.6 MHz
- Current Consumption: 5 to 20 mA
- Approximate Range: 25 m (75')

To Order

Visit omega.com/hh802_803 for Pricing and Details

<table>
<thead>
<tr>
<th>Model No.</th>
<th>HH802U</th>
<th>HH802W (Wireless)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>°C/°F</td>
<td>°C/°F</td>
</tr>
<tr>
<td>Elapsed Time</td>
<td>Dual 5 digit + Elapsed Time</td>
<td>Dual 5 digit + Elapsed Time</td>
</tr>
<tr>
<td>Input types</td>
<td>J, K</td>
<td>J, K</td>
</tr>
<tr>
<td>No. of Inputs</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Wireless</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>USB Port</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>DC Power Jack</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Note: All wireless units are USA, 900 Mhz frequency band versions. For European 868.0 Mhz-868.6 Mhz frequency band versions, add suffix “E”, no additional charge. Comes complete with 4 “AAA” batteries, Type K thermocouple (one per channel), rubber boot, NIST certificate (no points) and operator’s manual.

Ordering Examples: HH802W, high accuracy thermometer with built-in wireless transmitter and HH800W-RSW Windows software and wireless receiver, OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years.

Accessories

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HH800-ADAPTOR</td>
<td>AC adaptor (USB models only)</td>
</tr>
<tr>
<td>SC-800</td>
<td>Soft case with belt loop for HH800 series, visit omega.com/hh806</td>
</tr>
<tr>
<td>HH800-SW</td>
<td>Windows software and USB cable (USB models only)</td>
</tr>
<tr>
<td>HH800W-RSW</td>
<td>Windows software and wireless receiver (wireless models only) USA version</td>
</tr>
<tr>
<td>HH800WE-RSW</td>
<td>Windows software and wireless receiver (wireless models only) European version</td>
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</tbody>
</table>