# Wireless and High Accuracy Data Logger/Thermometers

## HH806 Series

1 YEAR WARRANTY

NIST

Standard
No Points

**HH806AW** Comes with Windows software, USB cable, wireless receiver and AC adaptor, and 2 thermocouples

**HH806AU** Features built-in USB port for use with optional windows software

**Wireless Models** Available! Monitors Up to 10 Different Meters With 1 Receiver

- **Wireless Models HH806W, HH806AW**
- **Dual Inputs**
- **7 Thermocouple Types**
- **Triple Display**
- **Data Logging**
- **Includes NIST-Traceable Calibration Certificate (No Points)**
- **High/Low Alarm (Audible)**
- **Auto Power-Off**
- **MAX/MIN/MAX/MIN/AVG/REL/HOLD**
- **Thermocouple Offset**
- **Optional USB Interface**
- **Optional AC Adaptor**




The HH806 represents the top of the line in the HH800 series of handheld thermometers. All of the HH806 versions feature exceptional 0.05% basic accuracy and include a triple display as well as data logging capabilities. At a push of a button the HH806W can store up to 128 samples on demand, and at a user specified logging interval up to 1024 in data logging mode. The HH806AU and HH806AW expand the data logging capabilities further and allow storage of up to 256 samples on demand and up to 16,000 in data logging mode. All versions of the HH806 feature three easy to read displays. Two 4½ digit displays are selectable for T1 or T2 and the third 6 digit display can be used for T1-T2 or to show the current date and time. Windows software is available for all models but is included with the HH806AW, as is the USB cable, wireless receiver, and AC adaptor (HH806AW only).

## Specifications

**Measurement Range:**

**Type K:** -200 to 1372°C (-328 to 2501°F)
**Type J:** -210 to 1200°C (-346 to 2192°F)
**Type T:** -200 to 400°C (-328 to 752°F)
**Type E:** -220 to 1000°C (-364 to 1832°F)
**Type R:** 0 to 1767°C (32 to 3212°F)
**Type S:** 0 to 1767°C (32 to 3212°F)
**Type N:** -50 to 1300°C (-58 to 2372°F)

**Accuracy:** Stated accuracy at 23°C ±5°C, <75% RH

OMEGACARE℠ Extended Warranty Program

*OMEGACARE℠ extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE℠ covers parts, labor and equivalent loaners.*

**HH806AW, shown actual size.**



**Free Thermocouple Included!**

These models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel). **Order a Spare! Model No. SC-TT-K-30-36.**

**Type K/J/T/E:**
±(0.05% rdg + 0.3°C) -50 to 1372°C
±(0.05% rdg + 0.7°C) -50 to -210°C
±(0.05% rdg + 0.6°F) -58 to 2501°F
±(0.05% rdg + 1.4°F) -58 to -346°F

**Type N:**
±(0.05% rdg + 0.8°C) -50 to 0°C
±(0.05% rdg + 0.4°C) 0 to 1300°C
±(0.05% rdg + 1.6°F) -58 to 32°F
±(0.05% rdg + 0.8°F) 32 to 2372°F

**Type R/S:**
±(0.05% rdg + 2 0°C to 1767°C
±(0.05% rdg + 4 32°F to 3212°F

**Operating Environment:** 0 to 50°C (32 to 122°F) at <70% RH

**Storage Temperature:** -20 to 60°C (-4 to 140°F), 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")

**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

| Model No. | HH806W (Wireless) | HH806AU | HH806AW (Wireless) |
|---|---|---|---|
| Units | °C/°F | °C/°F | °C/°F |
| Display | Triple Display | Triple Display | Triple Display |
| Input Types | K/J/T/E/R/S/N | K/J/T/E/R/S/N | K/J/T/E/R/S/N |
| Data Storage | 128 on demand + 1024 in logging mode | 256 on demand + 16000 in logging mode | 256 on demand + 16000 in logging mode |
| No. of Inputs | 2 | 2 | 2 |
| Wireless | Yes | No | Yes |
| USB Port | No | Yes | Yes |
| DC Power Jack | No | Yes | Yes |
| Resolution | 0.1° to 1999°; 1° above (auto ranging) | | |

***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 NIST certificate (no points), 4 "AAA" batteries, Type K thermocouple (one per channel), rubber boot and operator's manual. HH806AW also comes with software, USB cable, wireless receiver and AC adaptor.*

***Ordering Examples: HH806AU,*** *high accuracy data logger and* ***HH800-SW****, Windows software.* ***OCW-3,*** *OMEGACARE℠ extends standard 1-year warranty to a total of 4 years.*

### Accessories

| Model No. | Description |
|---|---|
| HH800-ADAPTOR | AC adaptor (USB models only) |
| SC-800 | Soft case with belt loop for HH800 series |

# Software For HH800 Series with USB or Wireless Interface Software for Windows 2000 and Windows XP with Wireless Receiver

## HH800-SW




**HH800W-RSW Windows software and wireless receiver (wireless models only).**

**Laptop not included.**

- **Data Logging and Retrieval Software for USB**
- **Display Retrieved Data in Graphic Format**
- **Display MAX/MIN/AVG/REL**
- **High/Low Alarms**
- **Selectable Logging Interval**
- **Provided on 3.5" CD**

The HH800-SW and the HH800W-RSW both allow real time data logging to a PC. For wireless enable meters HH800W-RSW comes with both the software and wireless receiver, while for meters with USB, HH800-SW comes with the software and a USB cable. Both versions of software (compatible with Windows® 10) are identical and can work interchangeably. For meters with built in data storage, the software allows users to download and analyze data on there PC. Users can also export data to Excel or text files for further manipulation.

## To Order

| Model No. | Description |
|---|---|
| HH800-SW | Windows software and USB cable (USB models only) |
| HH800W-RSW | Windows software and wireless receiver (wireless models only) USA version |
| HH800WE-RSW | Windows software and wireless receiver (wireless models only) European version |

***Ordering Example: HH800-SW,*** *data logging software for HH800 Series meters wth built-in USB port.*
*Hardware Requirements: Pentium III, 700 Mhz or better, minimum of 150 MB free hard disk space is recommended, single USB port.*

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Global Electronic Components Distributor

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## OMEGA Engineering:

MSS-04 NHXH-K-M SHX-U-M SMPW-E-F SMTC-15M 1PT100KN1515CLA D8100 P13R-005 PX309-030GI PX409-100GUSBH 5TC-TT-T-30-36 KFH-3-120-C1-11L1M2R LC201-300 MPJ-U-F CF-000-RTD-2-60-1 PX409-005GI TC-K-NPT-U-72 ITHX-SD-5 TT-T-30-SLE-500 WTJ-HD-72-S HPC-CH-S MTC-12-MC PX119-1KGI PX309-500GI PX835-005GI OS136A-1-MA PX309-100G5V HSRTD-3-100-A-40-E MSS-02 USHX-K-M