

Wireless and High Accuracy RTD Thermometers

TRODEKS®

HH804 Series



Standard
No Points

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

Order a spare DIN connector,
HH804-CONNECTOR

HH804U dual
RTD input.

- ✓ **Wireless Model HH804W**
- ✓ **100 Ω Platinum**
- ✓ **0.00385/0.003916/
0.003926 Curves**
- ✓ **3- or 4-Wire RTD**
- ✓ **High $\pm 0.05\%$ $+0.2^\circ\text{C}$
Reading Accuracy**
- ✓ **Includes NIST-Traceable
Calibration Certificate
(No Points)**
- ✓ **MAX/MIN/AVG/REL/HOLD**
- ✓ **Elapsed Time**
- ✓ **High/Low Limits Alarm
(Audible)**
- ✓ **Dual Temperature Display**
- ✓ **Supplied with 4 Pin
Mini DIN Plug (One per
Channel)**
- ✓ **Optional Windows®
Software**
- ✓ **Optional AC Adaptor
(USB Models Only)**

The HH804U is a high accuracy RTD input thermometer. HH804U works with 100 Ω platinum RTDs and is selectable for 3 different temperature coefficient curves. HH804U complies with ITS-90 and comes standard with a built in USB port and DC power jack. Optional Windows software and AC adaptor allow real time data logging to PC for extended periods. The HH804W features a quick and easy to use wireless interface instead of USB. This allows real time data transmission at distances of up to 25 m (75'). HH804 is a basic version, without wireless or USB interface.

Specifications

Measurement Range:

0.00385 (100 Ω):

-200.0 to 800.0 $^\circ\text{C}$

(-328.0 to 1472.0 $^\circ\text{F}$)

0.003916/0.003926 (100 Ω):

-200.0 to 630.0 $^\circ\text{C}$

(-328.0 to 1166.0 $^\circ\text{F}$)

Accuracy: Stated accuracy at 23 $^\circ\text{C}$

$\pm 0.05\%$, <75% RH

$\pm (0.05\% \text{ rdg} + 0.2^\circ\text{C})$

$\pm (0.05\% \text{ rdg} + 0.4^\circ\text{F})$

Input Connections: 4-pin mini on DIN

Measurement Rate: 1 times/second

Operating Environment: 0 to 50 $^\circ\text{C}$ at <70% RH



To Order

Model No.	HH804U	HH804W (Wireless)	HH804
Units	$^\circ\text{C}/^\circ\text{F}$	$^\circ\text{C}/^\circ\text{F}$	$^\circ\text{C}/^\circ\text{F}$
Display	Dual 4½ digit + Elapsed Time	Dual 4½ digit + Elapsed Time	Dual 4½ digit + Elapsed Time
Input types	Pt100 RTD	Pt100 RTD	Pt100 RTD
No. of Inputs	2	2	2
Wireless	No	Yes	No
USB Port	Yes	No	No
DC Power Jack	Yes	No	No
Resolution		0.1 $^\circ/0.2^\circ\text{F}$	

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 HH804-CONNECTOR (one per channel), protective rubber boot, NIST certificate (no points), 4 "AAA" batteries, and operator's manual.

Accessories

Model No.	Description
HH800-ADAPTOR	AC adaptor (USB models only)
SC-800	Soft case with belt loop for HH800 series
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
HH804-CONNECTOR	Spare DIN connector