

# Handheld Thermocouple Thermometer with RS232

HH66R  
\$165



- ✓ Measures K/J/T/E/R/S/N Thermocouple Types
- ✓ 5-Digit LCD
- ✓ 0.1 Resolution, Swift Response
- ✓ Dual Inputs and Display
- ✓ Functions: Max, Min, Hold, Rel, Time Type, Set, Limit, Hi/Lo, T1, T2, T1 - T2, °C, °F, K
- ✓ Auto Power-Off or Never Auto Power-Off Feature

The HH66R is a portable, dual-input digital thermometer. Its pushbutton keypad, offering a wide range of functions, allows for easy one-handed operation. The HH66R comes with an RS232 cable and Windows-compatible software for downloading data to a PC. The minimum transmission timing setting is 1 second and the maximum is 59 minutes, 59 seconds.



Shown smaller than actual size.

HH66R thermometer, \$165, comes complete with 9V battery, 2 Type K beaded wire thermocouples, operator's manual, carrying case, RS232 cable and software.

## Specifications

### Thermocouple Measurement Range:

- Type K: -200 to 1372°C (-328 to 2501°F)
- Type J: -210 to 1200°C (-346 to 2192°F)
- Type T: -250 to 400°C (-418 to 752°F)
- Type E: -210 to 1000°C (-346 to 1832°F)
- Type R & S: 0 to 1767°C (-32 to 3212°F)
- Type N: -150 to 1300°C (-238 to 2372°F)

### Accuracy:

- Type K: ±(0.05% rdg + 0.7°C)  
-250 to 100°C
- Type T: ±(0.05% rdg + 0.7°C)  
-100 to 1372°C
- Type E: ±(0.05% rdg + 1.4°F)  
-418 to -148°F
- Type N: ±(0.05% rdg + 1°F)  
-148 to -2501°F
- Type R: ±(0.05% rdg + 2°C)  
0 to 1767°C
- Type S: ±(0.05% rdg + 4°F)  
0 to 3212°F

### Operating Temperature & Humidity:

0 to 50°C (32 to 122°F); 0 to 80% RH

### Storage Temperature and Humidity:

-10 to 60°C (14 to 140°F); 0 to 80% RH

**Power:** 9V battery (included), NEAD 1640 or JIS 006P, IEC 6F22

**Battery Life:** Approx 200-hour

**Alarm:** Buzzer, hi/lo setting

**Timer:** Up to 100-hour

### Thermocouple Connections:

2 miniature SMP connections

**Communications:** RS232 with Windows software

**Communications Connection:** RS232 jack

### Thermocouple Input Protection:

AC/DC 24 Vrms

**Overload Indicator:** "OL"

**Dimensions:** 38 H x 56 W x 130 mm L (1.5 x 2.2 x 5.1")

**Weight:** Approx 180 g (0.4 lb)

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
HH66R	\$165	Thermocouple thermometer with dual input and RS232 communications
5TC-TT-K-30-36	44	PFA insulated Type K thermocouples, 5 each, Type K calibration 1016 mm (40") long, 30 gage, stripped lead termination
TJ36-CASS-18U-12	30	305 mm (12") 304 SS Type K thermocouple probe
SMPW-K-M	1.75	Mini Type K male connector with write-on window
KTSS-HH	29	Type K thermocouple probe, 152 mm (6") long, 3.2 mm (1/8") Dia., with 0.3 m (1') of RSC cable [stretches to 1.5 m (5')] with molded, miniature male SMP connector
CAL-3-HH	75	NIST-traceable calibration (with points)

Comes complete with 9V battery, 2 Type K beaded wire thermocouples, operator's manual, carrying case, NIST certificate, RS232 cable and software.

**Ordering Examples:** HH66R, dual-input Type K thermocouple thermometer, \$165. OCV-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years (\$41), \$165 + 41 = \$206.



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