

# Handheld Digital Thermometer

HH200A



- ✓ Compatible with OS36 Infrared Series
- ✓ High Accuracy ( $\pm 0.25\%$  Rdg +  $0.2^{\circ}\text{C}$ )
- ✓ Wide Ambient Operating Range:  
-30 to  $50^{\circ}\text{C}$  (-22 to  $122^{\circ}\text{F}$ )
- ✓ Auto-Ranging ( $0.1^{\circ}$  Resolution  
Up to  $1000^{\circ}$ ,  $1^{\circ}$  Above  $1000^{\circ}$ )
- ✓  $^{\circ}\text{C}/^{\circ}\text{F}$  Switchable
- ✓ N and R Thermocouples
- ✓ Water Resistant and Include  
Shock-Resistant Holsters

The HH200A is a highly accurate, microprocessor-based handheld thermometer housed in a durable ABS plastic case and supplied with a shock-resistant rubber holster. Features include a bright LCD, open sensor detection, and low-battery warning. The rugged design of the HH200A thermometer permits use in a wide ambient operating range of -30 to  $50^{\circ}\text{C}$  (-22 to  $122^{\circ}\text{F}$ ).

The HH200A is programmable for thermocouple Types J, K, T, R, N, E, S and for OS36 (infrared) measurement. It is also  $^{\circ}\text{C}/^{\circ}\text{F}$  switchable, with  $0.1^{\circ}$  resolution up to  $1000^{\circ}$  and  $1^{\circ}$  resolution above  $1000^{\circ}$  (auto-ranging).

## Specifications

**Input Connections:** Standard TRODEKS subminiature thermocouple connector

**Cold-Junction Compensation**

**(Thermocouple Input Models):**  $0.075^{\circ}\text{C}/^{\circ}\text{C}$

**Battery:** 9V, type MN1604 (included)

**Battery Life:** 200 hours with alkaline battery

**Ambient Operating Range:** -30 to  $50^{\circ}\text{C}$  (-22 to  $122^{\circ}\text{F}$ )

**Temperature Coefficient:** 0.01% of reading/ $^{\circ}\text{C}$

## Input Types and Ranges

Input	$^{\circ}\text{C}$	$^{\circ}\text{F}$
<b>J</b> Iron-constantan	-200 to 1200	-328 to 2192
<b>K</b> CHRTRODEKS® - ALTRODEKS®	-200 to 1372	-328 to 2502
<b>E</b> CHRTRODEKS® - constantan	-200 to 1000	-328 to 1832
<b>T</b> Copper- constantan	-200 to 400	-328 to 752
<b>R</b> Pt/13% Rh-Pt	-50 to 1767	-58 to 3212
<b>N</b> TRODEKSLOY® Nicrosil-Nisil	-200 to 1300	-328 to 2372
<b>S</b> Platinum 10% Rhodium/Platinum	-50 to 1767	-58 to 3212
OS36 infrared Type K thermocouple output	-50 to 249	-58 to 480

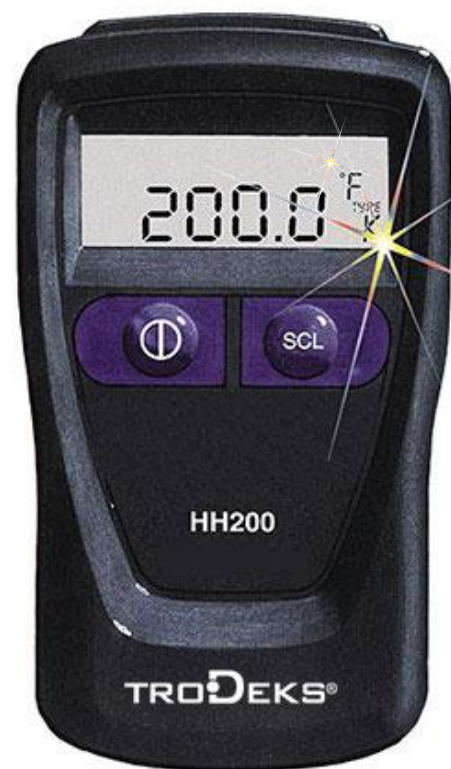
## Free Thermocouple Included!

HH200A includes a free 900 mm (36") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy.

**Order a Spare!**

**Model No.**

**SC-GG-K-30-36**



HH200A.

## Dimensions:

130 H x 70 W x 33 mm D  
(5.2 x 2.8 x 1.3")

**Weight:** 155 g (5.5 oz)

**Measurement Scales:**  $^{\circ}\text{F}/^{\circ}\text{C}$

**Display:** Single  $3\frac{1}{2}$  digit

**Input Types:** J, K, T, E, R, N, S T/C

**Accuracy:**  $\pm(0.25\%$  rdg +  $0.2^{\circ}\text{C})$

**Temperature Coefficient:**  $\pm 0.01\%$  rdg/ $^{\circ}\text{C}$

**Number of Inputs:** 1

**Resolution:**  $0.1^{\circ}$  to  $1000^{\circ}$ ;  $1^{\circ}$  above  $1000^{\circ}$  (auto-ranging)

## To Order

Model No.	Description
HH200A	Handheld digital thermometer

## Accessories

Model No.	Description
SC-450S	Soft carrying case with belt loop
CAL-3-HH	NIST-traceable calibration with points
HH-NIST	NIST-traceable calibration, no points
MN1604	Extra 9V alkaline battery

\* Auto-ranging to  $1^{\circ}$  above  $1000^{\circ}$  (for  $^{\circ}\text{F}$ ). Accuracy at  $23^{\circ}\text{C}$  ( $73^{\circ}\text{F}$ ) reference conditions.

Comes complete with rubber holster, 9V battery, beaded wire thermocouple and operator's manual.