

Handheld Digital Thermometer

Thermocouple Inputs

HH200A

\$180



- ✓ Compatible with OS36 Infrared Series (See page J-61)
- ✓ High Accuracy ($\pm 0.25\%$ Rdg + 0.2°C)
- ✓ Wide Ambient Operating Range: -30 to 50°C (-22 to 122°F)
- ✓ Auto-Ranging (0.1° Resolution Up to 1000° , 1° Above 1000°)
- ✓ $^\circ\text{C}/^\circ\text{F}$ /Kelvin 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°C (-22 to 122°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° resolution up to 1000° and 1° resolution above 1000° (auto-ranging). This thermometer also measures temperature in Kelvins.

Specifications

Input Connections: Standard OMEGA 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°C (-22 to 122°F)

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

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

Weight: 155 g (5.5 oz)

Input Types and Ranges

Input	$^\circ\text{C}$	$^\circ\text{F}$	K
J Iron-constantan	-200 to 1200	-328 to 2192	73 to 1473
K CHROMEALLOY®-ALOMEGA®	-200 to 1372	-328 to 2502	73 to 1645
E CHROMEALLOY®-constantan	-200 to 1000	-328 to 1832	73 to 1273
T Copper-constantan	-200 to 400	-328 to 752	73 to 673
R Pt/13% Rh-Pt	-50 to 1767	-58 to 3212	223 to 2040
N OMEGALLOY® Nicrosil-Nisil	-200 to 1300	-328 to 2372	73 to 1573
S Platinum 10% Rhodium/Platinum	-50 to 1767	-58 to 3212	228 to 2040
OS36 infrared Type K thermocouple output	-50 to 249	-58 to 480	223 to 522



HH200A, \$180, shown smaller than actual size.



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

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, \$15**

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)	
Model No.	HH200A
Price	\$180
Measurement Scales	$^\circ\text{F}/^\circ\text{C}$ /Kelvin
Display	Single $3\frac{1}{2}$ digit
Input Types	J, K, T, E, R, N, S T/C
Accuracy	$\pm(0.25\% \text{ rdg} + 0.2^\circ\text{C})$
Temp Coefficient	$\pm 0.01\% \text{ rdg}/^\circ\text{C}$
No. of Inputs	1
Resolution	0.1° to 1000° ; 1° above 1000° (auto-ranging)

Accessories

Model No.	Price	Description
SC-450S	\$10	Soft carrying case with belt loop
CAL-3-HH†	75	NIST-traceable calibration with points
HH-NIST	55	NIST-traceable calibration, no points
MN1604	3	Extra 9V alkaline battery

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

Comes complete with rubber holster, 9V battery, beaded wire thermocouple (1 per channel) and operator's manual.

Ordering Examples: HH200A, single-input thermocouple indicator, \$180.

OCW-2, OMEGACARESM extends standard 3-year warranty to a total of 5 years, (\$32), $\$180 + 32 = \212 .

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