

Handheld Digital Thermometer

HH200A
\$180



- ✓ Compatible with OS36 Infrared Series (See page J-47)
- ✓ 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°)
- ✓ $^\circ\text{C}/^\circ\text{F}$ 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).

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/ $^\circ\text{C}$

Input Types and Ranges

Input	$^\circ\text{C}$	$^\circ\text{F}$
J Iron-constantan	-200 to 1200	-328 to 2192
K CHROMEALLOY®-ALOMEGA®	-200 to 1372	-328 to 2502
E CHROMEALLOY®-constantan	-200 to 1000	-328 to 1832
T Copper-constantan	-200 to 400	-328 to 752
R Pt/13% Rh-Pt	-50 to 1767	-58 to 3212
N OMEGALLOY® Nicrosil-Nisil	-200 to 1300	-328 to 2372
S 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, \$15

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° to 1000° ; 1° above 1000° (auto-ranging)

HH200A, \$180.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HH200A	\$180	Handheld digital thermometer

Accessories

Model No.	Price	Description
SC-450S	\$10	Soft carrying case with belt loop
CAL-3-HH†	85	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 $^\circ\text{F}$). Accuracy at 23°C (73°F) reference conditions.

Comes complete with rubber holster, 9V battery, beaded wire thermocouple 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 .



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.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters