

Four-Channel Type K Thermometer

HH501DK
\$119



Standard
No Points

**BACKLIT
DISPLAY**

- ✓ 4 Inputs with Differential Temperature Measurement
- ✓ 3½ Digital Display with Backlighting
- ✓ Measures K Thermocouples in °F or °C
- ✓ Read HOLD, MAX Function
- ✓ Resolution 0.1° or 1°
- ✓ NIST-Traceable Certificate of Calibration (No Points)

The OMEGA® HH501DK is a rugged, easy-to-use thermometer with 4 standard miniature connector inputs. It accepts Type K thermocouple probes and covers ranges from -50 to 1300°C (-58 to 1999°F). It also provides differential temperature measurement readings of T1-T2, T1-T3, T1-T4, as well as individual readings of the 4 inputs.

Free Thermocouple Included!

HH501DK models includes free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel).
Order a Spare!
Model No. SC-GG-K-30-36, \$15.



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.

HH501DK, \$109, shown smaller than actual size with KTSS-HH, \$29, see page L-24.

Thermocouple handle probe sold separately; see OMEGA's complete line of probes in Section A of the Temperature Handbook™.

Specifications

Temperature Range: -50 to 1300°C (-58 to 1999°F)

Input: Type K thermocouple

Accuracy:

±(0.3% rdg + 1°C) -50 to 1000°C
±(0.5% rdg + 1°C) 1000 to 1300°C
±(0.3% rdg + 2°F) -58 to 1999°F

Display: 3½ digit liquid crystal display (LCD) with maximum reading of 1999

Polarity: Automatic, positive implied, negative polarity indication

Overrange: (OL) or (-OL) is displayed

Zero: Automatic

Power: Standard 9V battery (included)

Low Battery Indication: "⊖" is displayed when battery voltage drops below operating level

Measurement Rate: 2.5 times

Operating Environment:

0 to 50°C (32 to 122°F)
@ <70% RH

Storage Temperature:

-20 to 60°C (-4 to 140°F), 0 to 80% RH with battery removed from meter

Accuracy: Stated accuracy @ 23°C ±5°C <75% relative humidity (accuracy specification does not include Type K thermocouple probe accuracy)

Dimensions: 195 H x 92 W x 53 mm Dia (7.7 x 3.6 x 2.1")

Weight: Approx 250 g (9 oz) including battery



AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
HH501DK	\$119	4-channel thermometer, Type K input with differential measurement
CAL-3-HH	85	NIST-traceable calibration with points
SC-HH500	15	Soft carrying case

Comes complete with operator's manual, 4 beaded wire Type K thermocouples, 9V alkaline battery, NIST traceable certificate (no points) and rubber boot.

Ordering Examples: HH501DK, thermometer and SC-HH500, soft carrying case, \$119 + 15 = \$134.
OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years (\$29), \$119 + 29 = \$148.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• 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