

Four-Channel Type K Thermometer

HH501DK



Standard
No Points



- ✓ 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.

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

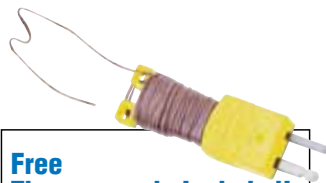
Storage Temperature:

-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 diameter (7.7 x 3.6 x 2.1")

Weight: Approximately 250 g (9 oz) including battery



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



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 shown smaller than actual size with KTSS-HH, see omega.com. Thermocouple handle probe sold separately; visit OMEGA for our complete line of probes.



To Order

Model No.	Description
HH501DK	4-channel thermometer, Type K input with differential measurement
CAL-3-HH	NIST-traceable calibration with points
SC-HH500	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.

OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years.