

# Four-Channel Type K Thermometer

TRODEKS®

HH501DK



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 TRODEKS® 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

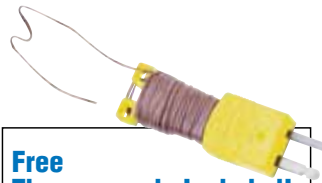
**Storage Temperature:**

-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**



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.