



## TMD-50 Thermocouple Thermometer K Type

Amprobe TMD-50 thermometer is a professional choice for HVAC/R technicians, electricians, research, industrial process, and quality control. The dual inputs allow easy super-heat and sub-cool temperature measurement as well as cut-out and in temperature measurements.

- Highly accurate thermometer with 0.1% basic accuracy for precise measurements
- Dual input T1, T2, T1-T2
- Large, backlit easy to read display
- In-field thermocouple offset adjustment
- °C/°F selection
- Robust protective Holster
- Auto-Power Off
- MIN/MAX/HOLD functions
- Average /Relative Zero Functions

### No hassle warranty

*No waiting.*

*No shipping  
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



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## Data Sheet

### General Specifications

<b>Display</b>	3½ digit liquid crystal display (LCD) with a maximum reading of 1999.
<b>Polarity</b>	Automatic, positive implied, negative polarity indication.
<b>Low Battery Indication</b>	The "⚡" is displayed when the battery voltage drops below the operating level.
<b>Measurement Rate</b>	2.5 times/second.
<b>Operating Environment</b>	0°C to 50°C (32°F to 122°F) <80% R.H.
<b>Storage Environment</b>	-20°C to 60°C (-4°F to 140°F) <80% R.H. with battery removed from meter
<b>Accuracy</b>	Stated accuracy at 23°C ±5°C, <75% R.H.
<b>Battery</b>	1.5V x 4pcs AAA size
<b>Battery life</b>	200 hours typical
<b>Dimensions</b>	L241.3 X W157.98 XH76.2mm (9.5 X 6.22 X3 in).
<b>Weight</b>	Approx. 286g (0.63 lb) including batteries.

### Electrical Specification

<b>Feature</b>	<b>Range</b>
<b>Thermocouple Type</b>	K-TYPE
<b>Temperature</b>	K-TYPE: -328°F to 1999°F, -200°C to 1372°C
<b>Temperature Scale</b>	Celsius or Fahrenheit user-selectable
<b>Measurement Range</b>	K-TYPE(0.1°C) -200°C to 1372°C, -328°F to 1999°F
<b>Auto Range</b>	0.1°C/1°C, 0.1°F/1°F
<b>Accuracy</b>	±(0.1% rdg+1°C) on -60°C to 1372°C ±(0.1% rdg+2°C) on -60°C to 200°C ±(0.1% rdg+2°F) on -76°F to 1999°F ±(0.1% rdg+4°F) on -76°F to -328°F
<b>Included Accessories</b>	Users manual, K-type thermocouple, Batteries(4)