



## 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

Display	3½ digit liquid crystal display (LCD) with a maximum reading of 1999.
Polarity	Automatic, positive implied, negative polarity indication.
Low Battery Indication	The "⚡" is displayed when the battery voltage drops below the operating level.
Measurement Rate	2.5 times/second.
Operating Environment	0°C to 50°C (32°F to 122°F) <80% R.H.
Storage Environment	-20°C to 60°C (-4°F to 140°F) <80% R.H. with battery removed from meter
Accuracy	Stated accuracy at 23°C ±5°C, <75% R.H.
Battery	1.5V x 4pcs AAA size
Battery life	200 hours typical
Dimensions	L241.3 X W157.98 X H76.2mm (9.5 X 6.22 X3 in).
Weight	Approx. 286g (0.63 lb) including batteries.

### Electrical Specification

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

