



TMD-53 Thermocouple Thermometer K/J

Amprobe TMD-53 series of thermometers 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.

- K/J-type thermocouple selection
- Dual input
- MAX/MIN with elapsed time, AVG, REL, HOLD functions
- TIME setting, REL setting
- Warning beeper with Hi/Lo setting
- Resolution 0.1°C to 0.2°F
- User selectable °C/°F

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)

TMD-53 Thermocouple Thermometer K/J

Data Sheet

General Specifications

| | |
|------------------------|--|
| Display | 5 digit liquid crystal display (LCD) |
| Polarity | Automatic, positive implied, negative polarity indication. |
| Low Battery Indication | The "⚡" is displayed when the battery voltage drops below the operating level. |
| Auto Power Off | 30 minutes |
| Measurement Rate | One time/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) <70% 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 X 3 in) |
| Weight | Approx. 286g (0.63 lb) including batteries and packaging box. |

Electrical Specification

| Feature | Range |
|-------------------------------------|--|
| Thermocouple Type | K/J |
| Temperature | K-TYPE: -200°C-1370°C, -328°F-2498°F J-TYPE: -200°C-1050°C, -328°F-1922°F |
| Accuracy | ±(0.05%rdg + 0.3°C) on -50°C to 1370°C ±(0.05%rdg + 0.7°C) on -50°C to -200°C ±(0.05%rdg + 0.6°F) on -58°F to 2498°F ±(0.05%rdg + 1.4°F) on -58°F to -328°F |
| Number Of Parameters On The Display | 3 |
| Included Accessories | Users Manual, K type thermocouple (2) Batteries (4) |

