The professional ways to measure, monitor and log — Thermocouple Thermometers

N10140

Thermocouple Thermometers — The professional ways to measure, monitor and log



TMD 50 Series Thermometers

The professional choice for HVAC technicians, electricians, research, industrial process, and quality control, these thermometers offer dual inputs for easy super-heat and sub-cool temperature measurement as well as cut-out and cut-in temperature measurements.

Choose between models with 0.1% and 0.05% basic accuracy, single and triple displays or memory. Wireless communication is invaluable when you need remote access to measurement data.

To monitor and track temperatures, the multi-logging thermometers feature real-time clocks with calendar, user-selectable recording intervals, and easy data recall using up and down keys.

- Wireless two-way transmission (TMD-53W and TMD-55W only)
- °F/°C selectable
- Dual input: T1, T2, T1-T2
- Warning beeper with Hi/Lo setting alerts you of out-of-range measurement
- Min/max with elapsed time, average, relative, hold functions
- Time and relative settings
- In-field thermocouple offset adjustment
- Robust holster protects the instrument.
- Auto power-off saves batteries

FEATURE	TMD-50	TMD-51	TMD-52	TMD-53	TMD-53W	TMD-55	TMD-56	TMD-55W
Thermocouple Type	K	K, J	K, J, T, E	K, J	K, J	K, J, T, E, R, S, N		
Basic Accuracy	0.1 %	0.1 %	0.05 %	0.05 %	0.05 %	0.05 %	0.05 %	0.05 %
Number of Parameters on the Display	1	1	3	3	3	3	3	3
Real time clock - Wireless Beeper with Setting	-	-	-	•	•	•	•	•
Wireless Transmission	-	-	-	-	•	-	-	•
Data Capture	-	125 Samples	-	-	_	128 Samples	256 Samples	128 Samples
Data Logger	-	_	-	-	-	1024 Points	16000 Points	1024 Points
PC Interface	-	-	-	-	Wireless	-	USB	Wireless

For detailed specifications go to www.Amprobe.com

HARD AT WORK SINCE 1948.

ORDERING INFORMATION

THERMOCOUPLE THERMOMETER

THERMOCOUPLE THERMOMETER K/J TYPE WITH MEMORY

TMD-51

THERMOCOUPLE THERMOMETER K/J/T/E TYPE

TMD-53 THERMOCOUPLE THERMOMETER

TMD-53W THERMOCOUPLE THERMOMETER

TMD-55W MULTILOGGER THERMOMETER W/ WIRELESS DOWNLOAD

TMD-56

MULTILOGGER THERMOMETER

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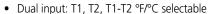
Temperature Ranges for TMD-50 series depending on thermocouple:

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THERMOCOUPLE TYPE	TEMPERATURE RANGE				
K-TYPE	-328 °F → 2501 °F (-200 °C → 1372 °C)				
J-TYPE	-346 °F → 2192 °F (-210 °C → 1200 °C)				
T-TYPE	-328 °F → 752 °F (-200 °C → 400 °C)				
E-TYPE	-346 °F → 1832 °F (-210 °C → 1000 °C)				
R-TYPE	32 °F → 3212 °F (0 °C → 1767 °C)				
S-TYPE	32 °F → 3212 °F (0 °C → 1767 °C)				
N-TYPE	-58 °F → 2372 °F (-50 °C → 1300 °C)				

Dual Input Digital Thermometers with 0.1% basic accuracy

TMD-50, TMD-51, TMD-52

These highly accurate thermometers give precise measurements on a large, easy-to-read backlit display. The robust holster protects the instrument. Auto power-off saves batteries. ϵ



- Built-in memory for 125 samples (TMD-51 only)
- Average/relative zero functions (TMD-50/TMD-52 only)
- Min/max/hold functions
- In-field thermocouple offset adjustment

INCLUDED ACCESSORIES: Users manual, 2 type-K thermocouple, 4 batteries (installed)



Dual Input Digital Thermometers with 0.05% basic accuracy

TMD-53, TMD-53W

When your application demands even higher accuracy, choose these models. A warning beeper with Hi/Lo setting alerts you of out-of-range measurements.

- Wireless two ways transmission (TMD-53W only)
- K/J-type thermocouple selection
- Dual input
- Min/max with elapsed time, average, relative, hold functions
- Time and relative settings
- 0.05 basic accuracy to 0.2 °F (0.1 °C) resolution
- °F/°C selectable

INCLUDED ACCESSORIES: USB wireless module and softare CD (TMD-53W only), users manual, 2 type-k thermocouple, batteries (installed



RECOMMENDED ACCESSORIES **USB-W1 USB Wireless Module** (TMD-53W)



The wireless way to log temperatures

TMD-55, TMD-55W, TMD-56 Multi-logging Digital Thermometers with 0.05% Basic Accuracy (7)

Monitor and track temperatures with these multi-logging thermometers. All models feature a backlit triple-display, real-time clock with calendar and user-selectable recording intervals. Easy data recall using up and down key.

- Wireless two way transmission and data download (TMD-55W only)
- USB computer download (TMD-56 only)
- Data capture: 128 samples with real-time data per input
- Data logging: 16 sets, maximum 1,024 data points
- Thermocouple offset adjustment
- Record, max, min, max-min, average, relative zero and hold functions
- Warning beeper with Hi/Lo setting
- Resolution 0.1 °F/1 °F (0.1 °C/1 °C)

INCLUDED ACCESSORIES: USB wireless module and software CD (TMD-55W), USB cable and software CD(TMD-56 only), users manual, 2 type-k thermocouple, batteries (installed)



USB-W1 USB Wireless Module (TMD-55W)

ECOMMENDED ACCESSORIES



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