

TMD90

Digital thermometer, dual input



- High accuracy, multiple type input thermometer
- Measures to 3200°F / 1760°C
- Accepts Type J, K, T, R, S, E inputs
- Triple display of T1, T2, T1 - T2, and relative time
- Deluxe hard carry case
- RS232 output with optional cable and software, TM-SW
- Relative Time Stamp with Min/Max indicators
- One-year warranty
- MRSP \$119.95 (U.S.)

The TMD90 is a dual input thermometer that accepts type K, J, T, R, S, and E thermocouples and is ideal 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.

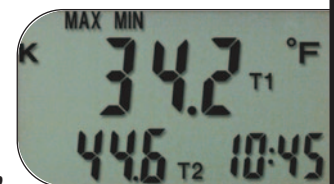
The triple display with backlight shows T1, T2, and T1-T2 and includes Hold, Min/Max, Relative, and Timer / Date Stamp function. The TMD90 supports dual channel real time data acquisition using the built-in RS-232 interface and optional software and data transfer cable (Model TM-SW).

TMD90 Specifications

Measurement Ranges			
Type K	-200 to 1370 °C (-328 to 2498 °F)		
Type J	-200 to 760 °C (-328 to 1400 °F)		
Type T	-200 to 390 °C (-328 to 730 °F)		
Type R and S	0 to 1760 °C (32 to 3200 °F)		
Type E	-200 to 736 °C (-328 to 1832 °F)		
T/C Type	Range	Resolution	Accuracy
Type K	-200 to 650 °C	0.1 °C	(0.1 % rdg + 0.7 °C)
	651 to 1370 °C	1.0 °C	(0.1 % rdg + 0.7 °C)
	-328 to 1000 °F	0.1 °F	(0.1 % rdg + 1.4 °F)
	1001 to 2498 °F	1.0 °F	(0.1 % rdg + 1.4 °F)
Type J	-200 to 500 °C	0.1 °C	(0.1 % rdg + 0.7 °C)
	501 to 760 °C	1.0 °C	(0.1 % rdg + 0.7 °C)
	-328 to 940 °F	0.1 °C	(0.1 % rdg + 1.4 °F)
	941 to 1400 °F	1.0 °F	(0.1 % rdg + 1.4 °F)
Type T	-200 to 390 °C	0.1 °C	(0.1 % rdg + 0.7 °C)
	-328 to 730 °F	0.1 °F	(0.1 % rdg + 1.4 °F)
Type R/S	0 to 1000 °C	0.1 °C	(0.3 % rdg + 0.7 °C)
	1001 to 1760 °C	1.0 °C	(0.3 % rdg + 0.7 °C)
	32 to 1000 °F	0.1 °F	(0.1 % rdg + 1.4 °F)
	1001 to 3200 °F	1.0 °F	(0.1 % rdg + 1.4 °F)
Type E	-200 to 380 °C	0.1 °C	(0.3 % rdg + 0.7 °C)
	381 to 736 °C	1.0 °C	(0.3 % rdg + 0.7 °C)
	-328 to 720 °F	0.1 °F	(0.1 % rdg + 1.4 °F)
	721 to 1832 °F	1.0 °F	(0.1 % rdg + 1.4 °F)



Triple display with backlight shows T1, T2 and relative time stamp.



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General Specifications

Operating Conditions	0 to 50 °C (32 to 122 °F) at 0 to 85 % R.H.(non-condensing)
Ambient Coefficient	0 to 18 °C and 28 to 50 °C (ambient temperatures) for each °C ambient below 18 °C or above 28 °C, add the following tolerance into the accuracy spec: 0.01 % of reading +0.03 °C (0.01 % of reading +0.06 °F)

Product Includes

TMD90 dual input thermometer, two standard Type K thermocouple probes (TP-255), hard carrying case, battery (installed), manual

Wavetek Meterman.
The right tool for the job™

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