

TES-1384 4 Input Thermometer / Datalogger



FEATURES

- Isolated Input Protection of 350Vp-p between any two inputs.
- Highly accurate thermometer with thermocouple K, J, E, T, R, S, N, L, U, B, C types.
- 4 input function T1/T2/T3/T4 temperature display.
- Programmable Hi – Lo alarm for 4 inputs.
- Display of MAX, MIN, MAX–MIN and AVG values of 4 inputs.
- Independent Input Setup (type of thermocouple, Hi – Lo alarm values).
- Memory and Read function (99 sets)
- 512KB auto datalogging capacity(4 input:36000 sets /1 input: 100000 sets
- USB interface.



SPECIFICATION

0.1°C, 0.1°F Resolution, Accuracy is of reading.

Type	°C		°F	
	Range	Accuracy	Range	Accuracy
K	-200 ~ -150	±3.0°C	-328 ~ -238	±5.4°F
	-150 ~ -100	±2.0°C	-238 ~ -148	±3.6°F
	-100 ~ 999.9	±0.05% ±1.0°C	-148 ~ 999.9	±0.05% ±1.8°F
	1000 ~ 1370	±0.2% ±1.0°C	1000 ~ 2498	±0.2% ±1.8°F
J	-200 ~ -100	±2.5°C	-328 ~ -148	±4.5°F
	-100 ~ 100	±1.5°C	-148 ~ 212	±2.7°F
	100 ~ 999.9	±0.05% ±1.0°C	212 ~ 999.9	±0.05% ±1.8°F
			1000 ~ 1832	±0.2% ±1°F
E	-150 ~ -100	±3.0°C	-238 ~ -148	±5.4°F
	-100 ~ 760	±0.05% ±1.0°C	-148 ~ 999.9	±0.05% ±1.8°F
			1000 ~ 1400	±0.2% ±1°F
T	-200 ~ -150	±3.0°C	-328 ~ -238	±5.4°F
	-150 ~ -100	±0.15% ±2.5°C	-238 ~ -148	±0.15% ±4.5°F
	-100 ~ 400	±0.1% ±1.0°C	-148 ~ 752	±0.1% ±1.8°F

R/S	0 ~ 100 100 ~ 300 300 ~ 999.9 1000 ~ 1600	$\pm 5.0^{\circ}\text{C}$ $\pm 3.0^{\circ}\text{C}$ $\pm 0.05\% \pm 2.0^{\circ}\text{C}$ $\pm 0.25\% \pm 2.0^{\circ}\text{C}$	32 ~ 212 212 ~ 572 572 ~ 999.9 1000 ~ 2912	$\pm 9.0^{\circ}\text{F}$ $\pm 5.4^{\circ}\text{F}$ $\pm 0.05\% \pm 3.6^{\circ}\text{F}$ $\pm 0.25\% \pm 3.6^{\circ}\text{F}$
N	0 ~ 999.9 1000 ~ 1300	$\pm 0.1\% \pm 1.0^{\circ}\text{C}$ $\pm 0.2\% \pm 1.0^{\circ}\text{C}$	32 ~ 999.9 1000 ~ 2372	$\pm 0.1\% \pm 1.8^{\circ}\text{F}$ $\pm 0.2\% \pm 1.8^{\circ}\text{F}$
L	-200 ~ 900	$\pm 0.1\% \pm 1.0^{\circ}\text{C}$	-328 ~ 999.9 1000 ~ 1652	$\pm 0.1\% \pm 1.8^{\circ}\text{F}$ $\pm 0.2\% \pm 1^{\circ}\text{F}$
U	0 ~ 600	$\pm 0.1\% \pm 1.0^{\circ}\text{C}$	32 ~ 999.9 1000 ~ 1112	$\pm 0.1\% \pm 1.8^{\circ}\text{F}$ $\pm 0.2\% \pm 1^{\circ}\text{F}$
B	600 ~ 999.9 1000 ~ 1760	$\pm 0.05\% \pm 2.0^{\circ}\text{C}$ $\pm 0.1\% \pm 2.0^{\circ}\text{C}$	1112 ~ 1831 1832 ~ 3200	$\pm 0.05\% \pm 3.6^{\circ}\text{F}$ $\pm 0.1\% \pm 3.6^{\circ}\text{F}$
C	0 ~ 999.9 1000 ~ 1760	$\pm 0.1\% \pm 1.5^{\circ}\text{C}$ $\pm 0.2\% \pm 1.5^{\circ}\text{C}$	32 ~ 999.9 1000 ~ 3200	$\pm 0.1\% \pm 2.7^{\circ}\text{F}$ $\pm 0.2\% \pm 2.7^{\circ}\text{F}$

Temperature Coefficient	0.01% of reading + 0.1°C per °C (0.2°F per °F) outside the specified +18°C to 28°C (+64°F to +82°F) range
Isolated Input Protection between any two inputs	350Vp-p
Sampling Rate	2sec/time
Operating / Storage Conditions	0°C ~ 50°C < 80%RH ; -10°C ~ 60°C < 70%RH
Power Source	6 pcs size AA Battery
Battery Life	Approx. 55 hours
Size	187(L) × 73(W) × 53(H)
Weight	Approx. 450g with batteries
Accessories	Instruction manual x 1 Battery x 6 USB cable x 1 Software CD x 1 Carrying case x 1 K-type thermocouples (1M x 1)
Optional accessories	K-type thermocouples (3M / 5M)



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