



FEATURES :

- Highly accurate thermometer with thermocouple K, J, E, T, R, S, N type.
- Dual input function T1/T2 temperature display.(1316)
- 4200 Data Logging capacity.
- 30 minutes Auto Power off.
- MAX/MIN with TIME, MAX-MIN AVG, HOLD function.
- °C / °F / K User-Selective.
- Back-Light LCD display.

SPECIFICATIONS :

Measuring Range:

- K-Type: -150.0°C to +1370.0°C (-200.0°F to +1999.9°F)
- J-Type: -150.0°C to +1090.0°C (-200.0°F to +1994.0°F)
- T-Type: -150.0°C to +400.0°C (-200.0°F to +752.0°F)
- E-Type: -150.0°C to +870.0°C (-200.0°F to +1598.0°F)
- R-Type: 2.0°C to +1767.0°C (+35°F to +1999.9°F)
- S-Type: 2.0°C to +1767.0°C (+35°F to +1999.9°F)
- N-Type: -150.0°C to +1300.0°C (-200.0°F to +1999.9°F)

Display Resolution:

- J-, K-, T-, E-, and N-type : 0.1°C/°F/K
- R- and S-type : 1.0°C/°F/K (0.1°C/°F/K only for reference)

Measurement Accuracy (According to ITS-90):

K, J, E, T, and N-Type : $\pm[0.05\% \text{ of reading} + 0.5^\circ\text{C} (0.9^\circ\text{F})]$
 (below $-100^\circ\text{C} (-148^\circ\text{F})$: add 0.15 % of reading for K-, J-, E-, and N-Type ; and 0.45% of reading for T-Type)
 R- and S-Type : $\pm[0.05\% \text{ of reading} + 2^\circ\text{C} (4^\circ\text{F})]$

Temperature Coefficient:

0.01% of reading + 0.03°C per °C (0.06 °F per °F) outside the specified $+18^\circ\text{C}$ to $28^\circ\text{C} (+64^\circ\text{F}$ to $+82^\circ\text{F})$ range
 [LCD ranging : below $-100^\circ\text{C} (-148^\circ\text{F})$: add 0.04% of reading for K-, J-, E-, and N- Type; and 0.08% of reading for T- Type]

Maximum Differential Common Mode Voltage:

1V (Maximum voltage difference between T1 and T2)

Input Protection: 20V maximum input voltage on any Combination of input Connector

Sampling Rate: 1.5 time/sec

Operating/Storage Conditions:

$0^\circ\text{C} \sim 50^\circ\text{C} < 80\% \text{ RH}$, $-10^\circ\text{C} \sim 60^\circ\text{C} < 70\% \text{ RH}$

Power Source: 6 pcs size AAA Battery

Battery Life:

Approx. 200hours. (not including backlight and beeper)

Size: 150(L) × 72(W) × 35(H)mm **Weight:** Approx. 235g

Accessories: Instruction manual, Battery, Software for WINDOWS™, RS-232 Cable.