

# TES-1313/1314 K.J.T.E.R.S.N. Thermometer



## FEATURES

- Highly accurate thermometer with thermocouple K, J, E, T, R, S, N type.
- Dual input function T1/T2 temperature display. (1314)
- Warning beeper with HI/LO setting.
- MAX/MIN with TIME, MAX-MIN AVG, HOLD function.
- °C / °F / K User-Selectable.
- Back-Light LCD display.



## SPECIFICATION

<b>Measuring Range</b>	K - Type : -200°C to +1372°C (-328°F to +2501°F) J - Type : -210°C to +1200°C (-346°F to +2192°F) E - Type : -150°C to +1000°C (-238°F to +1832°F) T - Type : -250°C to +400°C (-418°F to +752°F) R and S - Type : 0°C to +1767°C (+32°F to +3212°F) N - Type : -200°C to +1300°C (-328°F to +2372°F)
<b>Display Resolution</b>	0.1°C / °F / K <2000° 1.0°C / °F / K ≤2000°
<b>Measurement Accuracy (According to ITS-90)</b>	K, J, E, T and N-Type : ±[0.05% of reading +0.3°C (0.6°F)] [below -100°C (-148°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 : ±[0.05% of reading + 0.4°C (0.8°F)]
<b>Temperature Coefficient</b>	0.01% of reading + 0.03°C per °C (0.05 °F per °F) outside the specified +18°C to 28°C (+64°F to +82°F) range [LCD ranging : below -100°C (-148°F) : add 0.04% of reading for K-, J-, E, and N- Type; and 0.08% of reading for T- Type]
<b>Maximum Differential Common Mode Voltage</b>	1V (Maximum voltage difference between T1 and T2)
<b>Input Protection</b>	30V maximum input voltage on any Combination of input Connector
<b>Sampling Rate</b>	1 time/sec
<b>Operating/Storage Conditions</b>	0 °C ~ 40 °C < 80% RH -10 °C ~ 60 °C < 70% RH
<b>Power Source</b>	6 pcs size AAA Battery
<b>Battery Life</b>	Approx. 300hours. (not including backlight and beeper)

<b>Size</b>	152(L) ×72(W) ×37(H)mm
<b>Weight</b>	Approx. 300g
<b>Accessories</b>	Instruction manual, Battery