TES-1315/1316 K.J.E.T.R.S.N. Data-Logger Thermometer

FEATURES

Highly accurate thermometer with thermocouple K, J, E, T, R, S, N type.

Dual input function T1/T2 temperature display. (1316)

7500 DataLogging capacity.

Warning beeper with HI/LO setting.

MAX/MIN with TIME, MAX-MIN AVG, HOLD function.

℃ / ℉ / K User-Selective.

Back-Light LCD display.

SPECIFICATION

Measuring Range	K - Type : -200℃ to +1372℃ (-328℉ to +2501℉) J - Type : -210℃ to +1200℃ (-346℉ to +2192℉) E - Type : -150℃ to +1000℃ (-238℉ to +1832℉) T - Type : -250℃ to +400℃ (-418℉ to +752℉) R and S - Type : 0℃ to +1767℃ (+32℉ to +3212℉) N - Type : -200℃ to +1300℃ (-328℉ to +2372℉)
Display Resolution	0.1℃ / ℉ / K < 2000° 1.0℃ / ℉ / K ≦ 2000°
Measurement Accuracy (According to ITS-90)	K, J, E, T, and N-Type : ± [0.05% of reading +0.3℃ (0.6℉)] [below -100℃ (-148℉) : 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℃ (0.8℉)]
Temperature Coefficient	0.01% of reading + 0.03℃ per ℃ (0.05 ℉ per ℉) outside the specified +18℃ to 28℃ (+64℉ to +82℉) range [LCD ranging : below -100℃ (-148℉) : 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	30V maximum input voltage on any Combination of input Connector
Sampling Rate	1 time/sec

Operating/Storage Conditions	0℃ ~ 40℃ < 80% RH , -10℃ ~ 60℃ < 70%RH
Power Source	6 pcs size AAA Battery
Battery Life	Approx. 300hours. (not including backlight and beeper)
Size	152(L) ×72(W) ×37(H)mm
Weight	Approx. 300g
Accessories	1. Instruction manual, Battery 2. Software for WINDOWS蓋, RS-232 Cable, 9 pin to 25 pin Gender changer.