

TES

Reliable in Quality



TES-1315/1316

K.J.E.T.R.S.N. Datalogger Thermometer

- 0.05% accuracy
- 7500 Datalogging Capacity. (Direct reading from LCD display or later P.C. download)
- 4 1/2 dgts high accuracy thermometer with K.J.E.T.R.S.N. Thermocouple input
- High / Low alarm setting
- MAX / MIN reading with Time indication
- MAX / MIN / AVG / Data Hold function
- Back-light LCD display
- Single channels (1315) & Dual channels (1316)



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.
- °C / °F / K User-Selective.
- Back-Light LCD display.

SPECIFICATIONS :

Measuring Range	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)
Display Resolution	0.1°C /°F /K < 2000° 1.0°C /°F /K ≥ 2000°
Measurement Accuracy (According to ITS-90)	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)]
Temperature Coefficient	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]
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°C ~ 40°C < 80% RH -10°C ~ 60°C < 70% RH
Power Source	6 pcs size AAA Battery
Battery Life	Approx. 300hours. (not including backlight and beeper)
Size	152(L) x 72(W) x 37(H)mm
Weight	Approx. 300g
Accessories	1. Instruction manual, Battery 2. Software for WINDOWS™, RS-232 Cable, 9 pin to 25 pin Gender changer.



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