

# 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 / / K User-Selective.
- Back-Light LCD display.



## SPECIFICATIONS :

<b>Measuring Range</b>	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 )
<b>Display Resolution</b>	0.1 / / K < 2000° 1.0 / / K 2000°
<b>Measurement Accuracy (According to ITS-90)</b>	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 )]
<b>Temperature Coefficient</b>	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]
<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 ~ 40 < 80% RH , -10 ~ 60 < 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>	1. Instruction manual, Battery 2. Software for WINDOWS™, RS-232 Cable, 9 pin to 25 pin Gender changer.