

Temperature +TC Types Thermocouple Datalogger

The Datalogger is a miniature, battery powered, stand alone, thermocouple based temperature recorder, This is an all-in-one compact, portable, easy to use device that will measure and record up to 10,000 measurements per channel. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged.

The device can be started and stopped directly from your computer and its small size allows it to fit almost anywhere. The R1-5x1x series makes data retrieval quick and easy. Simply plug it into an empty com port and our user-friendly software does the rest.

Features

1. 4- ½ digit 19999 LCD display or LED indicators, 16-bit A/D.
2. Temperature + TC Types : K , J , T , E , R , S , N type (option).
3. LCD display --The five sections battery electricity shows symbols.
4. Express the state of the battery electricity with LED flashing numbers.
5. CH1--The inside is build temperature sensor.
CH2--The thermocouple of input measurement.
6. The transmitted interface with **USB** or **RS232** transmission wire & window software. Battery Life:1 year(measuring rate:15min).
7. Very easy to be set up the function fast by the software.
8. Frequency of measurement : 10 Second to 59 Minutes Intervals.
9. Resolution:0.1, Accuracy:+/- 0.1%reading+0.7°C.
- 10.Low cost, User-friendly, Miniature size:8.6 x 4.5 x2.5cm.

Applications

1. Extreme temperature monitoring
2. Warehouse monitoring
3. HVAC
4. Medical/Pharmaceutical
5. Oven profiling
6. Museum monitoring
7. Environmental studies
8. Replace costly atrip chart recorders
9. Implement HACCP programs

TC Thermocouple range:	K Type: -200°C ~ 1372°C (-328°F ~ 2501°F) J Type: -210°C ~ 1200°C (-346°F ~ 2192°F) T Type: -250°C ~ 400°C (-418°F ~ 752°F) E Type: - 210°C ~ 1000°C (-346°F ~ 1832°F) R/S Type: 0°C ~ 1767°C (32°F ~ 3212°F) N Type: -150°C ~ 1300°C (-238°F ~ 2372°F)
Temperature sensor range:	-20 °C ~ 70 °C(-4 °F ~ 158 °F)

Ordering information:

R1-**5****1**SERIES

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|------------|-------------------|--------------------|
| 1. K Type. | 6. S Type. | 0. LED indicators. |
| 2. J Type. | 7. N Type. | 1. LCD display. |
| 3. T Type. | A. K/J Types. | |
| 4. E Type. | B. K/J/T/E Types. | |
| 5. R Type. | | |

