



¡ Tu Sitio de Automatización !



USB-501-TC

Description

The USB-501-TC measures and records temperatures from -200 to 1300 °C, depending on the thermocouple (the logger accepts any Type K, J or T thermocouple wire). With the included software, you can select TC type, sampling rate, start-time, and logging mode – and perform calibration and data download/analysis. The USB-501-TC features a user-replaceable battery, high and low alarm settings, LEDs to indicate logging status, and USB interface for fast data download.

Characteristics

1. Supports K-, J-, and T-type thermocouples
2. Stores over 32,000 temperature measurements
3. Sampling rates from 1 per second to once every 12 hours
4. Red and green LED status indication
5. 1-year warranty
6. Includes:
 - K-type thermocouple (0 to 110 °C (-32 to +230 °F))
 - Windows® PC software to install, configure, view, and export data to Excel®
 - 1/2AA 3.6 V lithium battery

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Specifications

Data Logger Specification	Minimum	Typical	Maximum	Unit
Probe Measurement range (K-type)	-200 (-328)		+1300 (2372)	°C (°F)
Probe Measurement range (J-type)	-130 (-202)		+900 (1652)	°C(°F)
Probe Measurement range (T-type)	-200 (-328)		+350 (662)	°C(°F)
Operating temperature range*	-10(14)		+40 (104)	°C(°F)
Resolution (internal and displayed)		0.5 (1)		°C(°F)
Accuracy (logger error)		+/- 1(2)**		°C(°F)
Logging rate	every 1s		every 12hr	-
1/2AA 3.6V Lithium Battery Life***		6		Month

Thermocouple Specification	
Type	K
Tubing Length	4"
Tubing Diameter	1/8"
Cable Extension Length	52"
Cable extension Material	Fiberglass

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