

USB Type K Thermocouple Data Logger



Description

Type K input Thermocouple data logger with USB interface designed for measuring a wide temperature range from -200 to 1370°C.

The ST-171T is capable of storing up to 32,000 readings with logging intervals from 1 second up to every 24 hours, configurable by the windows 10 compatible software.

The logger can be used with any type K sensor that is terminated with a mini plug. It also features LED lights & alarm to indicate if the unit is recording or if it reaches a temperature limit configurable by the user. A protective cover is included to protect the USB interface when in use. The unit also features a replaceable long-life battery lasting up to 1 year

Data that has been logged can be downloaded via the included software and exported for use in other applications, such as excel.



Specification

Product	USB Type K Thermocouple Temperature Data Logger
Range	-200 to 1370°C
Logging Rate	From 1 second up to 24 hours
Operating Humidity	0 to 85% RH
Storage	Up to 32,000 readings
Unit of Measurement	°C, °F
Accuracy	±1°C
Software	Compatible with Windows XP/Vista/7/8/10
Dimensions	101 x 24 x 21.5mm (4x1x.9")
Weight	172g
Battery Type	3.6v Lithium (1/2 AA)
Part Number	ST-171T

Features

- -200 to 1370°C temperature range
- Up to 32,000 readings
- USB interface for easy data transfer & analysis
- LED Indication lights to show current status
- Audible alarm sounds when user specified temperatures are reached
- Long battery life (Up to 1 year)

Application

- Ambient Temperature Measurement
- Furnace Analysis
- Workpiece Testing
- Environmental Monitoring

For more information visit:

sterlingsensors.co.uk

**See page 2 for full
specification**

