



# ▶ EZ-SmartLog™ Four USB Datalogger with Thermocouple

*available for purchase for your clinical trial.*

## Overview

This standalone data logger measures and stores up to 32,510 temperature readings from either a J, K or T type thermocouple. The thermocouple is attached via the thermocouple socket at the base of the data logger.

The user can easily set up the logging rate and start-time, logging mode and download the stored data by plugging the data logger into a PC's USB port and running the purpose designed software.

Data can then be graphed, printed and exported to other applications.

## Specification

- Logging Rate: 1 sec to 12 hour
- Alarm LED's: 10 alarm combinations
- Internal Resolution: 0.5°C (1°F)
- Accuracy:  $\pm 1^{\circ}\text{C}$  ( $\pm 2^{\circ}\text{F}$ )
- Operating Temperature:  $-10^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  ( $+14^{\circ}\text{F}$  to  $+104^{\circ}\text{F}$ )
- Battery: 3.6V 1/2 AA replaceable lithium
- Battery Life: 6 months
- Moisture Protection: IP67 when cap filled
- Dimensions: 118h x 26.5w x 26.5d mm

## Operating Features

- $-200$  to  $+1350^{\circ}\text{C}$  ( $-328$  to  $+2462^{\circ}\text{F}$ ) K type measuring range
- $-200$  to  $+1190^{\circ}\text{C}$  ( $-328$  to  $+2174^{\circ}\text{F}$ ) J type measuring range
- $-200$  to  $+390^{\circ}\text{C}$  ( $-328$  to  $+734^{\circ}\text{F}$ ) T type measuring range
- USB interface for set-up and data download
- User-programmable alarm thresholds
- Status indication via red, green and orange LEDs
- Supplied with replaceable internal lithium battery
- Range of logging modes available
- Supplied with Windows control software which is easy to install and allows the following parameters to be configured:
  - Logger name (up to 16 characters)
  - $^{\circ}\text{C}$  or  $^{\circ}\text{F}$
  - Logging rate (10s, 1m, 5m, 30m, 1hr, 6hr, 12hr)
  - High and low alarm levels
  - Start date and time

(compatible with Windows 7,8,10)



*Please contact us for a quotation for the purchase of this product.*

**Product description** - EZ-SmartLog™ Four USB Datalogger with Thermocouple

**Product code** - WD7TEM011



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