

Temperature measurement at the extremes for K, J, and T-type thermocouples

Independent recording of both high and low temperatures has been made both affordable and easy to implement with the introduction of the EL-USB-TC thermocouple USB data logger.

The EL-USB-TC is the latest addition to the market leading EL-USB range of standalone data loggers. The EL-USB-TC accepts an input from a K, J, or T type thermocouple and can measure and record temperatures from -200° to $+1300^{\circ}\text{C}$ depending on the sensor used.



This makes the data logger ideal for recording the extreme highs and lows of temperature found throughout industry.

Each data logger is supplied with a copy of Lascar's EL-WIN-USB software. With the data logger plugged into the USB port this allows the user to quickly setup the data logger.

Options include logger name, sample rate, high and low alarm and delayed start time.

Once the study is complete the software is also used to download the data which is saved in .txt format. This file can be graphed within the EL-WIN-USB software or exported to Excel for further analysis.

The data logger is powered by a 1/2AA lithium battery (supplied) which should power the unit for 6 months or more.