

-EN DAT 2KT USB series

*Autonomous recorder
K thermocouple 2 channels*

Ref : 2605

Rev : A



DESCRIPTION

This K thermocouple data logger is housed in an ergonomic case designed to provide IP65 protection. Equipped with an LCD screen and two inputs, it can record temperatures ranging from -100 to 1250 °C with a resolution of 0.1 °C up to 300 °C and then 1°C.

Temperature recording is done at programmable intervals for a maximum of 16,000 measuring points (or 2 x 8000 points if 2 thermocouples are connected).

The recorder incorporates two LEDs, one green and one red. The flashing green indicates that the logger is active, and the flashing red LED indicates that the custom preset alarms have been exceeded.

This logger comes with a USB cable, a free downloadable software and a calibration certificate.

ALSO AVAILABLE IN THERMOCOUPLE T

FONCTIONNALITIES

The recorder connects to a PC via a USB cable (USB port under the cap). Then the associated software, downloadable for free and without registration, will allow the user to download the recorded data and display them in the form of a graph, spreadsheet, or summary.

The software offers the ability to display up to 32 datasets on a single graph, customizing them with different colors and in different shapes of mini icons, all to facilitate the visualization and interpretation of the data.

The software also allows the user to program the recorder by choosing the sampling rate, the communication interval (synchronization) with the PC, the clock, the choice of the unit (°C or °F) or a manual start option.

TECHNICAL CHARACTERISTICS

Temperature range	-100 to 1250 °C
Resolution	0.1 °C up to 300 °C then 1 °C
Accuracy	± 0.4 °C ± 0.1 % of display
Number of	2 channels K couple
Temperature unit	Celsius / Fahrenheit
Memory capacity	16 000 or 2 x 8000 measures
Sampling rate	6 seconds to 255 minutes
Battery	Lithium AA 3.6 V battery
Battery lifespan	3 years maximum
Sensor type	Thermocouple K
Display	LCD 10 mm screen
Dimensions	35 x 67 x 109 mm
Weight	200 g
Construction material	ABS plastic with additional antibacterial Biomaster
Protection index	IP 65
Compatible OS	Windows

CONTACT

MESUREX

13 Rue des Corroyés
78730 Saint Arnoult en Yvelines (France)

Tel : +33 (0) 1 30 41 23 62

Mail : mesurex@mesurex.fr

Web : www.mesurex.fr