TC-Log 8 USB K



Temperature data loggers for thermocouples up to 8 channels, resistant up to 130°C, with miniature connectors for K type thermocouples. Operative range is from -60°C to 130°C.

User replaceable battery. Does not need of any connection bay, it has a direct USB connection. Thermocouples not included.



Applications

- Pharmaceutical
- Validation
- Laboratories
- Industrial
- Food & Beverages
- Sterilisation
- Medical
- Healthcare

Main features

- High temperatures resistant
- Quick response time
- USB direct connection to PC
- Reduced size
- Real time monitoring if connected to a PC via the USB interface
- User calibrable

Plus

- Easy to use
- You can use your own thermocouples and calibrate it with them
- Real time (when directly connected to the PC via USB cable)

The system

System components:

- TC-Log 8 USB K
- Thermocouples
- TS Manager 3 software (compatible with the FDA 21 CFR Part 11 regulation)

Accessories

- TS Manager 3
- K type thermocouple

Technical specifications

Dimensions	132 h X 80 X 25 (mm)
Weight	190 g
Temperature range	-60°C ÷ +130°C
Number of channels	8
Materials	Aluminium
Mounted connectors	K
Available thermocouples	K
Temperature resolution	0,15 °C
Temperature accuracy	For logger only, sensors excluded: ± 0,2 °C with Accredia traceable certificate (calibration at -40/25/125°C)
Temperature accuracy	For logger only, sensors excluded: ± 0,2 °C with Accredia traceable certificate (calibration at room temperature)
Temperature accuracy	For logger only, sensors excluded: +/- 0,5°C range 0°C ÷ 75°C; +/-1°C range -40°C ÷ 0°C and 75°C ÷ 130°C without calibration
Stability time	Internal stability after a 50°C shock: 20 minutes
Memory (n. of acquisitions)	104.855 with only 1 channel, 16.383 with all 8 channels (for complete information check proper document)
Acquisition step	From 1 every second up, with 1 second steps
Battery life	+4.320.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Battery life	Infinite time at 1 second step continuously when connected to USB port, real time (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Battery type	AA 3.6V Lithium Thionyl Chloride, 2Ah
Software&Mobile App	TC-Log
Software&Mobile App	TS Manager 3

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