TC-Log 8 S USB

Temperature recorder for all types of thermocouples, up to 8 channels, resistant up to 130°C. It is possible to connect any type of thermocouple directly to the internal block. Operative range of the device is from -60°C to 130°C. **User replaceable battery.** Any connection bay requested, direct USB connection to PC. Thermocouples not included.

Applications

Validation

Industrial

Pharmaceutical

Laboratories

Food & Beverages

Sterilisation

Medical

Healthcare

Main features

- Compact and robust
- 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
- You can connect different types of thermocouples simultaneously
- Real time

The system

System components:
- TC-Log 8 S USB
- Thermocouples
- TC-Log software

Accessories

- TC-Log
- K type thermocouple
- T type thermocouple

Technical specifications

Dimensions	95 h X 50 X 26 (mm)
Weight	90 g
Temperature range	-60°C ÷ +130°C
Materials	Alumide
Number of channels	8
Available thermocouples	K, J, T, N, E, R, S, B, G, C, D
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 2Ah
Software&Mobile App	TC-Log