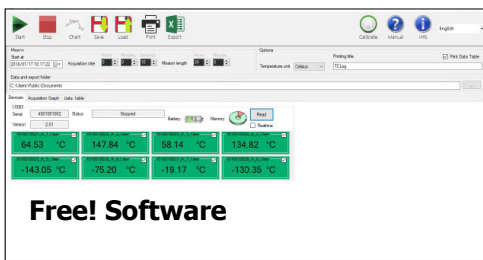
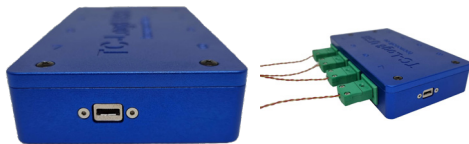


MULTICHANNEL THERMOCOUPLE DATA LOGGER TC-log 8 USB K



Free! Software



Free! Micro-USB
For configuration and download data

Application



Autoclave/Retort



laboratory



Food & Beverage industries



Transportation

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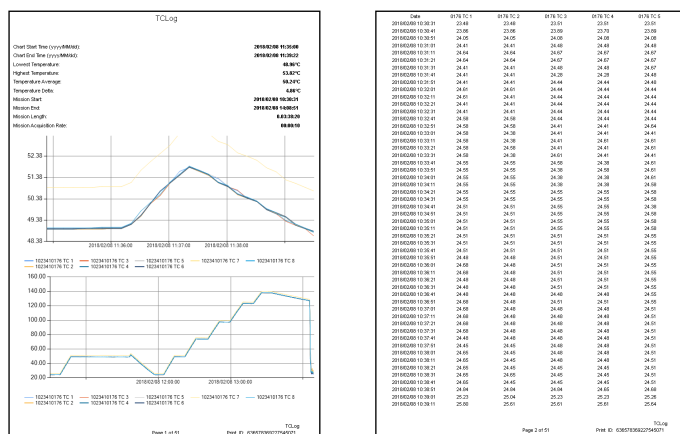
Features

- Use with thermocouple type K only
- High temperatures resistant
- Easy to use
- Quick response time
- Real time monitoring if connected to a PC via the USB interface
- User replaceable battery.

Technical data

Input signal : Thermocouple type K
Number of channel : 8 channels
Temperature range : depend on thermocouple probe
Operating temperature : -60...+130°C
Logger accuracy : ±0.5 (within 0...+75°C), ±1°C (within -40...-1°C and +76...+130°C)
Logger accuracy (option) : ±0.2°C (calibration at -40/25/125°C and room temperature with Accredia traceable certificate)
Resolution : 0.15 °C
Interval : 1s...24hr
Memory capacity : 8 channels, 16,383 acquisitions per thermocouple
Power supply : AA 3.6V lithium 2Ah battery
Battery life (@different interval) : more than 3 years @ 1 minutes or 50 days @ 1 second (4,320,000 acquisitions at 1 second step continuously calculated time @25°C. Battery life may be shorter if used in low temperatures)
Material device : Alumide, ABS
Operate system : Windows 10, 11 (32/64 bit)
Exporting : PDF, Excel
Dimension : 80 x 132 x 25 (WxHxD)
Weight : 190g

Report data



Summary graph

Table

MULTICHANNEL THERMOCOUPLE DATA LOGGER TC-log 8 USB K

High temperature Heat protection : HP-TC-log 8 USB (option)

Features

The loggers of the TC-LOG series are ideal for monitoring baking processes in a variety of applications. To be perfect profilers, however, they must be able to withstand temperatures above 130 ° C for a certain time, the limit for these devices. Here, then, that the thermal protections intervene, barriers against the heat of the environment to preserve the data loggers for the entire duration of the process. This protection is suitable for TC-Log 8 USB models, for thermocouples with connector. The logger is wrapped in layers of insulating material and the protection is strong and sturdy, with a through hole for the sensors.



Technical Data

Temperature resistance : maximum 300°C for 95 minutes

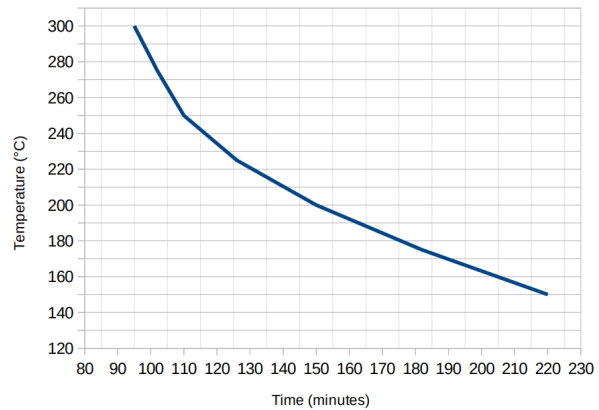
Dimension : 290 x 280 x 100 mm

Weight : 5.7 kg

Data logger supported : TC-Log 8 USB, TC-Log 8 K USB and TC-Log 8 T USB

Heat protection curve and Table

The curve will show how long heat protection stand a temperature.



Temperature (°C)	Time (minute)
150	220
175	182
200	150
225	126
250	110
275	102
300	95

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