

## TEMPERATURE DATA LOGGER TERMIO-1

Termio-1 data logger with external fixed Pt 1000 sensor measures temperature over the range of  $-50^{\circ}\text{C}$  to  $300^{\circ}\text{C}$  with  $0.01^{\circ}\text{C}$  resolution, memory 32 000 readings. Termio-1 is transport, storage, pharmacy, industrial data logger for refrigerator, freezer, stores, it is an ideal data logger for continuous monitoring of temperature.

Termio-1 display provides information including current measurement reading, low battery indication, threshold exceeded, min/max value. Each data logger incorporates a red LED indicates when customized thresholds have been exceeded.

Device is made of ABS material and it is resistant to dust, dirt and moisture.



Each Termio-1 thermometer is as standard supplied with stainless steel ST 05 probe ideal for air, liquid and semi-solid materials. Other Pt 1000 probes for Termio-1 available on request. Customized probe can be manufactured according your specifications.

Termio-1 can be connected to a computer via a USB logger cradle. When ordering loggers it is necessary to order at least one USB logger cradle. The software allows to programme the logging sample/interval rate from 1 sec., the real-time clock, user can programme delayed start from clock/calendar, from button on logger or directly from computer, after filing memory overwriting or stop.

Termio-1 creates a new files which contains registered data. Data can be easily displayed as graph and table, printed or saved in .txt or .pdf format.



Temperature range :  $-50$  to  $+300^{\circ}\text{C}$

Resolution:  $0.01^{\circ}\text{C}$

Accuracy in the range from  $-10^{\circ}\text{C}$  to  $100^{\circ}\text{C}$  - / + 0.07; in the range from  $101^{\circ}\text{C}$  to  $150^{\circ}\text{C}$  - / + 0.15

Memory: 32 000 readings

Sample rating interval: from 1 second

Low battery indication

Alarm indication via display

Alarm Indication LED

Maximum and minimum temperature

Start / Stop recording: from button or from clock, adjustable delayed start or end

Dimensions: 45 mm  $\times$  100 mm  $\times$  19 mm

Protection: IP65-electronics

Power: 1x lithium battery 3.6V (1 / 2AA) included

Measuring probe: diameter 4 mm, length 70 mm, other size available on request

Cable length: 1 m, other size available on request

Probe - stainless steel, acid resistant 1H18N9T

Weight: 85 g

Interface: USB

Measuring range ST-05 probe:

with ST05 probe polyurethane cable:  $-50^{\circ}\text{C}$  to  $100^{\circ}\text{C}$

with ST05 probe silicone cable:  $-50^{\circ}\text{C}$  to  $180^{\circ}\text{C}$

with ST05 probe FEP cable:  $-50^{\circ}\text{C}$  to  $270^{\circ}\text{C}$

