



**Termoprodukt Termio-1
Temperature Probe Data Logger
-50 to +180°C (0.01°C) with USB Cradle**



Model: TERMIO1ST05UC
Manufacture warranty: 12 months
Country of Origin: Poland

Description:

Temperature storage logger with **0.01°C resolution**. **Accuracy 0.07°C**. **Response time less than 5 sec**. Memory 32 000 samples. Industrial food LCD data logger with external fixed **PT-1000 sensor** measures temperature over the range of **-50°C to 300°C with 0.01°C resolution**.

Pharmacy universal data logger Termio-1 display provides information including **current measurement reading, low battery indication, threshold exceeded, min/max value**. Termio-1 is as standard supplied with permanently attached silicone cable ST-05 4 x50mm **PT-1000 temperature probe** - other probe size on request.

Data logger has free software available on download web site. 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 or start from button, after filing memory overwriting or stop.

Temperature recorder with probe Termio-1 creates many files with data - each time when recording is started and stopped new file is created and saved in memory and stayed saved even when new recording is started. Data can be easily displayed as graph and table, printed or saved in .txt or .pdf format.

Termio-1 can be connected to a computer via a USB logger cradle When ordering logger it is necessary to order at least one USB logger cradle.



Features

- Temperature data logger
- Measuring in °C
- Resolution of display: 0.01°C
- Visual inspection shows if limits exceeded
- LED indication alarm exceeded
- Recording turning on directly from a button or from calendar/clock
- Adjustable delayed start or end recording
- Display of min and max values
- Low battery indication
- Measuring rate 1sec to 24h
- Protection class IP 65
- Memory 32 000 data - ability to create many files with data
- Hold function

Certifications:

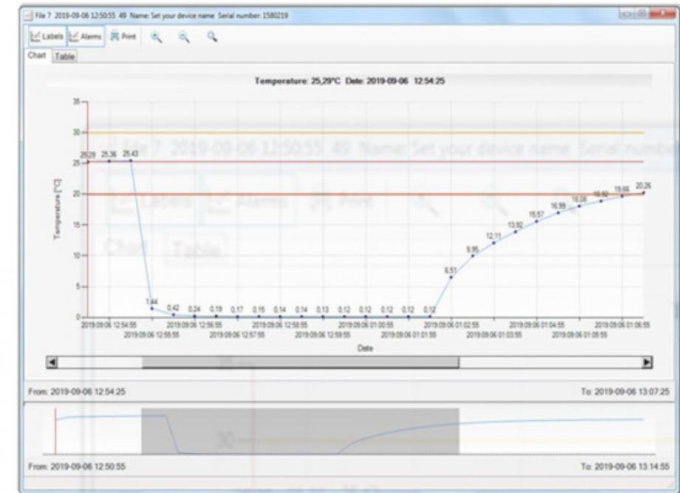
- Manufacturer calibration certificate.
- CE

Package includes:

- Termio-1 data logger with probe
- USB logger cradle
- 1 x lithium battery 3.6V (1/2 AA size)
- Operating Manual

Specification:

- Sensor: Resistance PT-1000
- Temperature range: -50°C ~ +300°C
- **Resolution: 0.01°C**
- Accuracy:
 - ±0.07°C (-10°C to 100°C);
 - ±0.15°C (101°C to 150°C)
- Measuring range: with ST05-S-50 probe on silicone cable.
- Silicon cable can be used in any environments: -50°C to 180°C
- Sample rating interval: from 1 minute
- Response time: less than 5 seconds
- Memory: 32,000 readings - ability to create many file with data
- Alarm indication: display and LED
- Measuring probe: standard diameter 4mm, length 50mm
- Cable length: standard 1m
- Probe cover: stainless steel, acid resistant 1H18N9T
- **Interface: USB Logger Cradle to computer**
- Dimension: 45mm x 100mm x 19mm
- Power: 1 x lithium battery 3.6V (1/2 AA size) included
- Protection: IP65 device; IP67 silicone & probe
- Body material: environmentally-friendly ABS, digital LCD display
- Body Weight: 85g (include battery)



LogSoft v5.1

Name	Date	Measurements
File 1	2012-03-07 01:24:52	13060
File 2	2019-08-28 11:35:26	17499
File 3	2019-09-03 13:30:16	2
File 4	2019-09-04 12:34:19	3
File 5	2012-01-01 12:01:16	68
File 6	2012-01-01 12:40:04	52
File 7	2019-09-06 12:50:55	49

Lp	Date	Time	Temperature
1	2019-09-06	12:50:55	22.75
2	2019-09-06	12:51:25	24.44
3	2019-09-06	12:51:55	24.72
4	2019-09-06	12:52:25	24.86
5	2019-09-06	12:52:55	24.97
6	2019-09-06	12:53:25	25.08
7	2019-09-06	12:53:55	25.17
8	2019-09-06	12:54:25	25.29
9	2019-09-06	12:54:55	25.36
10	2019-09-06	12:55:25	25.43
11	2019-09-06	12:55:55	1.44
12	2019-09-06	12:56:25	0.42
13	2019-09-06	12:56:55	0.24
14	2019-09-06	12:57:25	0.19
15	2019-09-06	12:57:55	0.17

USB connected

Logsoft - ability to create many files with new data without delating old files.