



Termoprodukt Termio-31 Temperature K Probe Data Logger -80 to +80°C with USB Cradle



Model: TERMIO31ST05UC
Manufacture warranty: 12 months
Country of Origin: Poland

Description:

Industrial LCD digital portable temperature data logger with interchangeable thermocouple probes. Min max temperature logger Termio-31 measures temperature over the range of - 200°C to 1400°C, resolution 0.1 °C. General purpose temperature recorder Termio-31 display provides current temperature reading, min/max temperature, battery indication has also Hold function.

Thermocouple data recorder Termio-31 is priced excluding probe. Termoprodukt offers interchangeable type K thermocouple penetration probes and surface thermocouple probes. Termio-31 can be connected to any K-type probes.

Termio-31 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.

Data logger has free software available on Termoprodukt The software allows to programme the logging **sample /interval rate from 1 min**, the real-time clock , user can programme delayed start from clock/calendar or start from button, after filing memory overwriting or stop. Registered data can be display as graphs, spreadsheet or .txt file.

Termio-31 **creates many files with data** - each time recording is started and stopped new file is created in memory. Termio-31 come with **stainless steel K type immersion thermocouple probe KST-05** is suitable for measuring the air temperature in fridges, freezers and ovens.



Features

- Temperature data logger
- Measuring in °C
- Resolution of display: 0.1°C in range from -200°C to 1000°C, 1°C others
- Visual inspection shows if limits exceeded
- LED indication alarm exceeded
- Adjustable delayed start or end recording
- Display of minimal and maximal values
- Low battery indication
- Sample rate from 1sec.
- Protection class IP 65
- Memory 32 000 data
- K type probe socket

Specification (Termio-31 logger):

- Sensor: K Type thermocouple probe
- Temperature range: -200 to + 1400 °C depending on external probe
- Resolution:
 - 0.1 °C (-200°C to +1000°C)
 - 1°C Others range
- Sample rating interval: from 1 seconds
- Memory: 32,000 readings
- **Interface: USB Logger Cradle to computer**
- Power: 1 x lithium battery 3.6V (1/2 AA size) included
- Protection: IP65 device
- Body material: environmentally-friendly ABS, digital LCD display
- Dimension: 45mm x 100mm x 19mm
- Body Weight: 85g (include battery)





Specification (ST-05 Probe):

- Low Temperature ST05 K-type Thermocouple Probe
- **Temperature range: -80°C to 80°C**
- Accuracy: $\pm 1^{\circ}\text{C}$
- Probe diameter: 4mm
- Probe length: 70mm
- Cable length: standard 1m
- Probe cover: stainless steel, acid resistant steel SS321

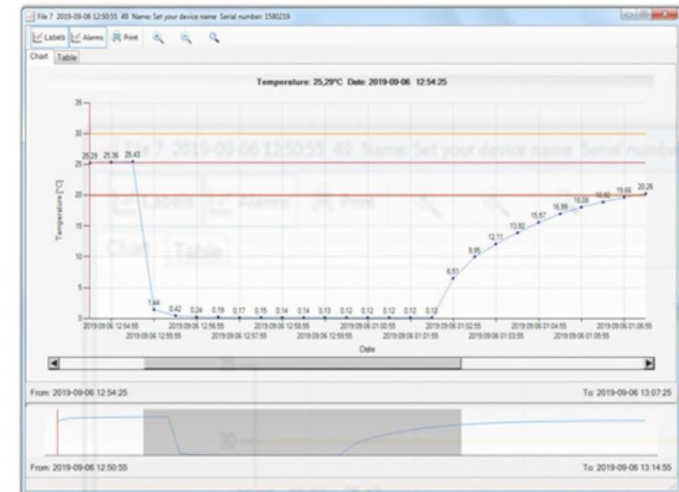


Certifications:

- Manufacturer calibration certificate.
- CE

Package includes:

- Termio-31 data logger
- ST-05 K-type thermocouple probe
- USB logger cradle
- 1 x lithium battery 3.6V (1/2 AA size)
- Operating Manual



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

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