

Temperature and humidity data logger TERMIOPLUS



Serial number:

Technical control:

Date of sale:

Point of sale's stamp and signature:
.....

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DATA LOGGER TERMIOPLUS

OPERATING INSTRUCTION

GENERAL DESCRIPTION

TERMIOPLUS - an autonomous temperature and humidity recorder is designed for measuring and registering temperatures and humidity in the freezers, refrigeration plants, and other rooms that require temperature and humidity control. It is programmed via USB cradle in software Logsoft. Termio has internal SHT 15 sensor and easy to read display.

SPECIFICATIONS

temperature range	-30°C do 70°C
resolution	0,1°C, 0,1% RH
accuracy	-/+0,5°C or better from -10°C to 40°C -/+1°C outside
humidity range	0 to 100 % RH
accuracy RH for SHT15 sensor:	-/+ 2% RH from 30% to 70%
display	LCD
sample rate	from 1 second to 10000 minutes
memory	32000 recordings
battery life	1000 000 recording
battery	1/2xAA 3,6V battery
interface	USB
dimensions	45x100x19 mm
dust/water protection	IP65
weight	85g

PPRELIMINARY EXAMINATION

Remove the Termio plus from the packing box. Carefully examine thermometer to make sure that no damage has occurred during shipment. Notify to your dealer if there is any damage. Termio plus is supplied with battery and instructions.

OPERATION

Termio plus is created for permanent work, there is no turning off possibility. Put the device in place where measurements will be made.

Recorder TERMIOPLUS has "GO" button which allows display:

- current temperature reading
- the lowest temperature and humidity that has been saved
- the highest temperature and humidity that has been saved
- minimum temperature and humidity thresholds, going beyond which will result in appearing of the symbol "1" in the screen
- maximum temperature and humidity thresholds, going beyond which will result in appearing of the symbol "1" in the screen
- remaining battery power

BATTERY REPLACEMENT

when LO BAT appear on display replace the battery, using a 1/2xAA 3,6V battery. The battery is located under the battery cover at the rear of the instrument, remove the two screws, remove the battery cover and change the battery, paying attention to its polarity. Replace the cover and tighten the two screws.

EMC/RFI

if operated within a high frequency radio field instrument performance may be affected, example: near a mobile phone, or if subjected to an electrostatic shock.

WARRANTY

These meters are guaranteed for one year against defects in workmanship and materials when used for its intended purpose and maintained according to instructions. Probes are guaranteed for a period of six months. This warranty is limited to repair or replacement free of charge. The product guarantee does not cover damages caused by fair wear and tear, abnormal storage conditions, incorrect use, accidental misuse, abuse, neglect, misapplication or modification. If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. When shipping any instrument, make sure it is properly packaged for complete protection. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

LOGSOFT GUIDE / SETTING UP THE LOGGER

- Connect the logger to the PC via USB cradle, PC symbol should appear on display if data logger is connecting to PC
- Select language
- In MEASUREMENT tab:
 - Enter a name for the logger in the Name box
 - Set Date and Time in Clock box
 - Set/Change Upper and Lower thresholds in Temperature box for „over“ and „under“ alarm
- In REGISTRATION tab:
 - Select the data storage method in After filing memory box – stop work logger to stop when full or register again to overwrite oldest data
 - Select a way to start the registration/recording:
 - Button on the logger, to start recording press the logger button for few seconds, when recording starts LOG symbol appear on display, to stop recording press the logger button again when recording stops WAIT symbol appear on display
 - Start from computer directly, to start recording press START button which appears after choice this way of start in MEASUREMENT tab in Current status logger box when recording starts LOG symbol appear on display, to stop recording press STOP button in Current status logger box, when recording stops WAIT symbol appear on display
 - About established time to start delay, choose date and time in Start of logging box for start recording from it
 - Select sample/interval rate in Parameters of record box
- In RESULT tab:
 - To getting datas from logger connect it to PC and press Start readings button, wait for data to be getting. Save results as TXT file, shown as a graph or print them.
 - Notice: When you stop recording and start new recording old/latest datas will be delated.
 - Notice: You must stop recording to get datas on PC.

LOGSOFT AVAILABLE ON :

<http://www.termoprodukt.com.pl/en/download>