

TPH.01 DATA LOGGER

Temperature - Humidity measurement and recording



TEMPERATURE & HUMIDITY



ACCURACY 0.1°C



DATA LOGGER



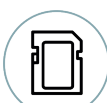
WIRELESS



SOFTWARE

SD CARD

Data are stored into the unit memory and transferred to the removable micro SD-card



USB

Full size USB to communicate with the PC and save data
Power supply via USB or AA batteries

CRYSTAL - CLEAR DISPLAY

With ink-paper technology the power consumption is very limited and the display is always on.
Readability is perfect from any angle



WIRELESS

Bluetooth (LE) connectivity to read temperature and humidity from remote

MAIN SPECIFICATIONS

Temperature

Resolution:	0.01 °C	0.01 °F
Accuracy:	$0.1 + \frac{ T-20 }{250} °C$	$0.18 + \frac{ T-68 }{250} °F$
Range:	-10 ÷ 60 °C	15 ÷ 140 °F

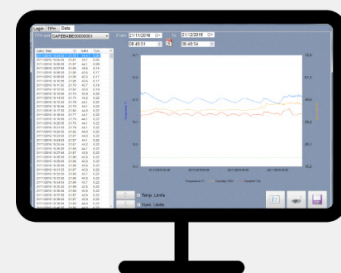
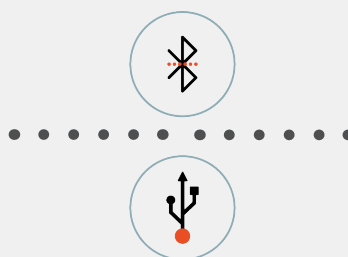
Humidity

Resolution:	0.1 %rh
Accuracy:	4.0 %rh
Range:	0 ÷ 100 %rh (non cond.)

TPH.01 SYSTEM

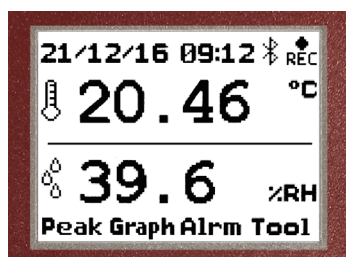


DATA LOGGER



PC SOFTWARE

MAIN SCREEN °C



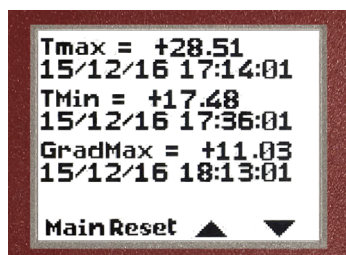
TEMPERATURE & HUMIDITY

High accuracy to monitor the environmental conditions of metrology labs, as required by the norms

Temperature, humidity and gradient (temperature drift) are constantly under control

Temperature resolution is 0.01°C | 0.01°F

TEMPERATURE RANGE



DATA LOGGER FOR METROLOGY ROOMS

Unit large memory allows up to 1 year continuous recording

Data can be downloaded via USB or micro-SD card

Reading frequency can be programmed via software

SOFTWARE FOR PC

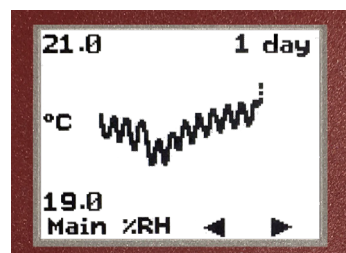
The unit is programmed directly from the PC

Temperature and humidity data can be stored into the software

Historical data can be visualized into table or chart format

Readings can be exported to MS Excel file

TEMPERATURE CHART



WIRELESS

Temperature and humidity data are transmitted via Bluetooth (BLE)

PC software to read temperature, humidity and send alarms

ITEMS INCLUDED

TPH.01 unit

Desk and wall stand

Software for Windows

Fitted carrying case

ALARMS

It is possible to define limits for temperature and humidity, both high and low

Alarms can be visualized on the unit with a blinking led and a buzzer

The PC software can send an alarm message via e-mail (requires BLE communication and e-mail service available)

Connector and communication

BLE wireless technology

USB connector

Micro-SD card slot

Language

Unit menus in English

PC software available in different languages

Power supply

n.2 AA Alkaline 1.5V Batteries
or USB power supply

Size

75 x 110 x 30 mm | 3 x 4.3 x 1.2 "

Requirements

Windows 10

BLE dedicated interface

Internet connection

e-mail service