

TPH.01 DATA LOGGER

Temperature - Humidity measurement and recording



TEMPERATURE & HUMIDITY



ACCURACY 0.1°C



DATA LOGGER



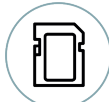
WIRELESS



SOFTWARE

SD CARD

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

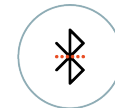


USB

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

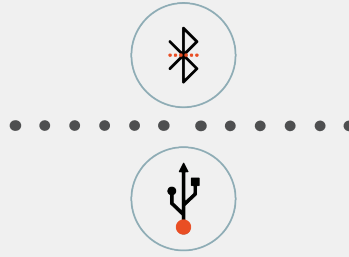
Humidity

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

TPH.01 SYSTEM

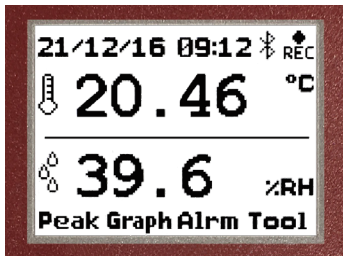


DATA LOGGER



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



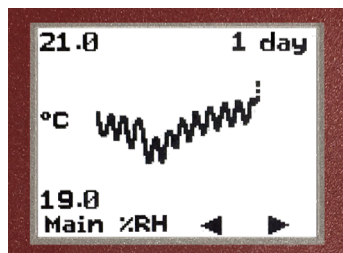
DATA LOGGER FOR METROLOGY ROOMS

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

TEMPERATURE CHART



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

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