

TPH.01 DATA LOGGER

Temperature - Humidity measurement and recording



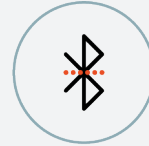
TEMPERATURE & HUMIDITY



ACCURACY 0.1°C



DATA LOGGER



WIRELESS



SOFTWARE & APP

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



APP

IOS and Android app

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

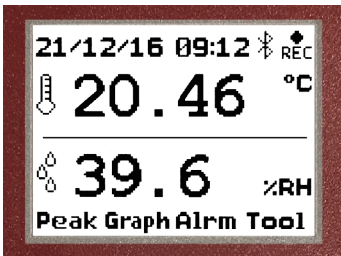
Humidity

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

TPH.01 SYSTEM



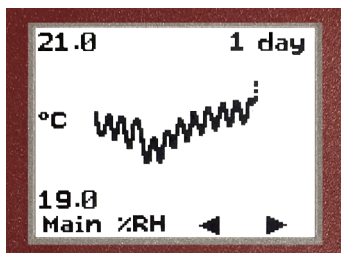
MAIN SCREEN °C



TEMPERATURE RANGE



TEMPERATURE CHART



ITEMS INCLUDED

- TPH.01 unit
- Desk and wall stand
- Software for Windows
- App for IOS and Android
- Fitted carrying case

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

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

WIRELESS AND MOBILE APP

Temperature and humidity data are transmitted via Bluetooth (LE)
 App for IOS and Android to display readings from remote
 PC software to read temperature, humidity and send alarms

ALARMS

It is possible to define limits for temperature and humidity, both high and low
 Alarms can be visualized with a blinking led and a buzzer on the unit
 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 7 or later
- BLE compatible devices
- Internet connection
- e-mail service