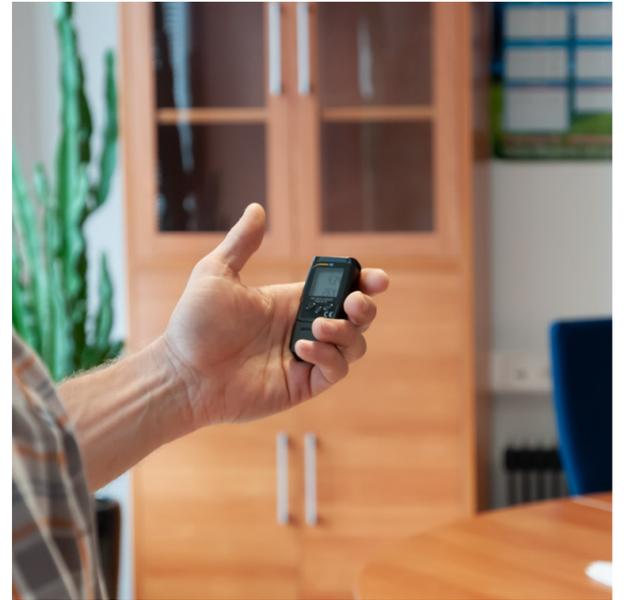# Thermo-Hygrometer PCE-HT 72

Thermo-hygrometer PCE-HT 72
PDF data logger for temperature and humidity / Report as PDF file / Software for programming / Data logger with display / Export as CSV possible

The PDF data logger PCE-HT 72 is a data logger for temperature and humidity. A memory of 20,010 sets of measurements allows the PDF data logger to be used for up to several months. The PDF data logger is particularly suitable for measuring tasks where it is not possible for the user to install a software for reading the measured values. The PDF data logger automatically generates a measurement protocol that can be printed or saved directly.

The measurement log of the PDF data logger PCE-HT 72 contains the maximum and minimum measured values for temperature and humidity, as well as a graph showing the course of the measurement. The data logger stores the measured values in its memory until it is full or a new measurement is started via the software. In the software, the user has further options for analyzing the measured data. So it is also possible with the help of the software to export the measurement data as a CSV file from the PDF data logger.

So that the user of the PDF data logger for temperature and humidity always has an overview of the measured values, the datalogger is equipped with an LCD. The display informs continuously about temperature and humidity, which is measured by the PDF data logger, as well as the battery status and the memory status. At the touch of a button, the maximum and minimum measured values can also be called up directly on the PDF data logger.

▶ Measurement protocol as PDF
▶ Readable without software
▶ Data logger for temperature and humidity
▶ LC display
▶ Min-Max memory
▶ Compact dimensions
▶ 20,010 sets of measured values can be stored
▶ Data export possible as CSV

Specifications

Measuring function	Temperature
Measuring range	-30 ... 60°C / -22 ... 140°F
Resolution	0.1°C / 0.18°F
Accuracy	< 0°C / 32°F: ± 1°C / 1.8°F
	< 60°C / 140°F: ± 0.5°C / 0.9°F

Measuring function	Humidity
Measuring range	0 ... 100% rh
Resolution	0.1% RH
Accuracy	0 ... 20% RH: 5%
	20 ... 40% RH: 3.5%
	40 ... 60% RH: 3%
	60 ... 80% rh: 3.5%
	80 ... 100% RH: 5%

Storage	20,010 readings
Measuring rate / storage interval	Adjustable 2 s, 5 s, 10 s ... 24h
Start-Stop	Adjustable, immediately or by pressing a button
Status display	By a symbol in the display
Display	LC display
Power supply	CR2032 battery
Interface	USB
Dimensions	75 x 35 x 15 mm / 3 x 1.4 x 0.6 in
Weight	About 35 g / < 1 lb

Subject to change