Thermometer PCE-HTD 125

**Thermometer with analysis software / Data storage for 32,000 measured values /
Measuring range up to +125 °C (257 °F) / Waterproof metal housing / USB connection /
Export of measurement data in various file formats / Replaceable battery**

The thermometer is an independent measuring device for determining temperatures between -40 ... 125 °C. The thermometer is therefore particularly suitable for monitoring particularly hot environments. The thermometer is used, for example, to monitor autoclaves. With the large data memory of 32,000 measured values, the thermometer stores a temperature history. Thanks to the metal housing and its IP67 protection class, the thermometer can also be used under a wide variety of conditions.

In order to evaluate the saved measured values, the thermometer generates a PDF file in addition to the series of measurements. The digital thermometer itself is recognized by a computer as a mass data storage device, which means that the PDF can be transferred directly from any computer. This has the advantage that reading out the measurement data is independent of the operating system. Further analyzes of the measurement data or settings of the thermometer can be carried out using the software supplied. In order to process the measurement data further, the measurement values can be exported via the software as TXT, CSV or in XLS data format. It is also possible to export the graphic as JPG and BMP.

▶ Robust metal housing with IP67
▶ For temperatures between -40 ... +125 °C / -40 ... 257 °F
▶ Exchangeable battery
▶ USB data logger for 32,000 measured values
▶ Data export directly as PDF
▶ Software included in delivery

Subject to change

Specifications

Measuring range	-40 ... 125 °C / -40 ... 257 °F
Measuring accuracy	±0.2 °C (0 ... +65 °C / 32 ... 149 °F)
Resolution	0.1 °C
Storage capacity	32,000 values
Sampling interval	1 s ... 24 h
Storage formats	TXT, CSV, XLS, JPG, BMP
Start mode	timed or immediate
Stop modes	when a USB connection has been established, as soon as the memory is full, as soon as the set number of memory points has been reached
Operating conditions	-40 ... +125 °C / -40 ... 257 °F, non-condensing
Storage conditions	-40 ... +85 °C / -40 ... 185 °F (without battery)
Power supply	3.6 V 2/3 AA high temperature battery interchangeable (ER14335S)
Protection class	IP67
Dimensions	Ø 18 mm + 115 mm / Ø 7" + 45"
Weight	ca. 95 g / 3.3 oz (without battery)

More information

More product info

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