

TEMPERATURE DATA LOGGER

PCE-HPT 1



- » **1-channel temperature recorder**
- » **Automatic shutdown**
- » **High accuracy**
- » **Backlight**
- » **Software included**
- » **Internal data logger**
- » **Internal Clock**
- » **Class A, 4-wire. Pt100 sensor**
- » **Data-Hold Function**
- » **Selectable units (°C / °F)**

The Data- Logger with microprocessor is a high precision 1-channel temperature gauge. The Data- Logger with microprocessor is ideal for use with various Pt100 sensors. Due to the fact that it uses 4-wire technology, it has a very fast response time and precision. Therefore, the sensors of the Data-Logger with microprocessor are ideal for all processes that require precision and quick response. The temperature range of the Data- Logger with microprocessor reaches of -100 to 400°C / -148 ... 752°F. The comprehensive software and easy to use Data- Logger with the microprocessor allows a simple assessment to see the values of a real-time measurement. The internal clock with date and time allows the user to accurately assign the results. The Data- Logger has an internal Data-Logger with adjustable measuring range.

Specification

Temperature	
Measuring range	-100 ... +400 °C
Resolution	0,01 °C
Accuracy	±0.05% +0.1°C (at 18°C ... 28°C) device only
Temperature	
Measuring range	-148 ... +752 °F
Resolution	0,018 °F
Accuracy	±0.45°F

General technical data	
Measuring functions	HOLD, MIN, MAX
Display type	LCD with backlight
Measuring rate	0,5 s
Storage medium	Internal memory
Storage capacity	5000 Values
Interface	USB
Sensor	Resistance sensor
Automatic power-off	30 s
Dimensions	Probe 235 x 5 mm Handle 123 mm Connection cable 1.5 m
Menu language	English, English (GB)
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Capacity	640 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 % RH
Storage conditions	-10 ... 60 °C , 0 ... 80 % RH
Dimensions (L x W x H)	185 x 65 x 36 mm
Weight	360 g