

# Thermometer PCE-T 330



Two-channel thermometer / Battery life of approx. 190 hours /  
Different file formats / No software required / Storage for 20,000 data points

The thermometer has two measuring inputs. Each measuring input from the thermometer can be connected to a thermocouple of type K, T and J. With a measuring rate of 2 Hz, the thermometer shows rapid temperature fluctuations. With the high accuracy and a resolution of 0.01 °C, these rapid temperature fluctuations can also be displayed precisely by the thermometer.

With a data memory of 20,000 measuring points, the thermometer can be used for a long period of time. A data point on the thermometer contains a measured value per channel and date as well as the current time. When the thermometer is connected to a computer, it is recognized as a removable disk. This allows the thermometer to be connected to computers with different operating systems, as no additional software is required for further analysis. The measurement data from the thermometer can be saved as TXT, CSV, XLS and DLG format.

- ▶ Two-channel temperature data logger
  - ▶ For thermocouples type K, T and J
    - ▶ Long battery life
- ▶ Data storage for 20,000 measuring points
  - ▶ File format TXT, CSV, XLS and DLG
  - ▶ Rubberized protective cover

# Specifications

| Temperature Sensor | Measuring range                      | Resolution | Accuracy               |
|--------------------|--------------------------------------|------------|------------------------|
| Type K             | -200 ... 1370 °C / -328 ... +2498 °F | 0.01 °C    | ±0.3 % of rdg. +0.4 °C |
| Type T             | -200 ... 400 °C / -328 ... 752 °F    | 0.01 °C    | ±0.3 % of rdg. +0.4 °C |
| Type J             | -200 ... 1200 °C / -328 ... 2192 °F  | 0.01 °C    | ±0.3 % of rdg. +0.4 °C |

|                      |  |
|----------------------|--|
| Units                | °C / °F  |
| Number of channels   | 2  |
| Measuring rate       | 2 Hz   |
| Data storage         | 15,328 kB for 20,000 data points   |
| File formats         | TXT, CSV, XLS, DLG   |
| Storage interval     | 1 .... 86,399 s  |
| Interface            | Micro-USB  |
| Power supply         | 3 x 1.2 V AAA rechargeable batteries<br>3 x 1.5 V AAA batteries                            |
| Battery life         | ca. 190 hours<br>(without backlight, battery capacity 1200 mAh, ambient temperature 25 °C) |
| Operating conditions | -10 ... 50 °C / 14 ... 122 °F  |
| Storage conditions   | -20 ... 60 °C / -4 ... +140 °F (without batteries)   |
| Dimensions           | 173 x 71 x 38 mm / 6.8 x 2.8 x 1.5"  |
| Weight               | ca. 226 g / 7.9 oz   |

# More information

Manual



More product info



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