# Contact Thermometer PCE-T390



**Contact Thermometer PCE-T390**

**Type-K, J and PT100 temperature sensor inputs / Data logger function (xls format) / SD card slot**

**large LC display / Power supply via batteries or mains adaptor /**

The PCE-T390 Contact Thermometer is a digital device with four input channels for type K and type J temperature sensors and two input channels for PT100 temperature sensors.The PCE-T390 Contact Thermometer hasa SD card slot (from 1 ... 16 GB) for storing the measured data. The data is stored in xls format on the SD card of the contact thermometer so that no additional software is needed for further analysis. However, there is an optional software kit available for thePCE-T390 Contact Thermometer, which comes with a RS-232 cable and enables you to transfer the data to a PC and analyse it in real-time without having to remove the SD card. The sampling intervals of the data logger function can be set freely in the settings of the contact thermometer.The display of the PCE-T390 contact thermometer shows the temperatures of all four channels simultaneously (when there are sensors connected). The PCE-T390 contact thermometer can be used as a handheld device in situ or as a data logger for monitoring temperature fluctuations over a certain period of time. Thecontact thermometer can be used for a large variety of applications, for example in the field of maintenance, conservation, machine diagnostics and quality control. Thedevice is also available with an optional ISO calibration certificate.

▶ 4 input channels for type-K, J temperature sensors
▶ 2 input channels for Pt100 temperature sensors
▶ 2 x type-K temperature sensors are included in the package
▶ SD card memory (1 ... 16 GB)
▶ Data logger function
▶ Backlit LCD
▶ Auto power-off function
▶ Display shows data from4 channels simultaneously
▶ RS-232 interface for data transfer

Subject to change

# Specifications

| | |
|---|---|
| Measuring range meter | Type K: -100 ... 1370°C / -148 ... 2498°F |
| | Type J: -100 ... 1150°C / -148 ... 2102°F |
| | Pt100: -200 ... 850°C / -328 ... 1562°F |
| Resolution | TFype K: 0.1°C / 0.18°F (-100 ... 1000°C / -148 ... 1832°F); 1°C / 1.8°F  (1000 ... 1370°C / 1832 ... 2498°F ) |
| | Type J: 0.1°C / 0.18°F (-100 ... 1000°C / -148 ... 1832°F); 1°C / 1.8°F (1000 ... 1150°C / 1832°F ... 2102°F) |
| | Pt100: 0.1°C / 0.18°F (-200 ... 850°C / -328 ... 1562°F) |
| Accuracy (at 23°C / 73.4°F, ±5°C / 41°F) | ±(0.4% + 1°C / 1.8°F) |
| Sampling interval | 1 ... 3600 seconds (adjustable) |
| Sensor inputs | 4 x type K/J sensor inputs, 2 x Pt100 sensor inputs |
| Memory | SD card memory (1 ... 16 GB SD cards are supported) |
| PC software requirements (optional) | Windows 95 or higher |
| Display | 52 x 38 mm / 2 x 1.5 in LCD with backlight |
| Power supply | 6 x 1.5V AA batteries |
| | 9V mains adaptor (optional) |
| Auto power-off function | After 30 min of idle time |
| Environmental conditions | 0 ... 50°C / 32 ... 122°F, < 85% RH |
| Dimensions | 177 x 68 x 45 mm / 7 x 2.7 x 1.8 in |
| Weight | 278 g / < 1 lb |

# More information

**Manual**

**More product info**

**Similar products**

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