

Contact Thermometer PCE-T312N



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2-channel digital temperature measuring device with dual input / Large temperature range/ Readings in °C, °F or Kelvin / Automatic shutdown/ One hand operation / Backlight / For thermocouples Type K and Type J

The digital temperature gauge is a two-channel measuring instrument. The digital temperature measuring device offers possibilities for a multitude of measuring projects. Due to its compact dimensions and its power supply, the digital temperature measuring device can be used with a mobile battery, making it suitable for applications such as air conditioning, food production and food storage, agriculture, chemicals and industry. The large measuring range offers a wide range of application possibilities, since in addition to the electronic zero offset, a temperature measuring range of -210 to 1372°C / -346 ... 2501°F is possible.

The digital temperature gauge offers different display functions. In addition to the temperature data, this also includes the extreme value functions (MAX and MIN), as well as the calculation of the average temperature. Indicated measuring units of the digital temperature measuring device are °C, °F and Kelvin. The user can switch between them as required. The digital temperature meter provides one-handed operation and provides backlighting for optimal reading.

- ▶ K-type thermometer with dual input
- ▶ Temperature range: -210 ... 1372°C / -346 ... 2501°F
- ▶ Direct measurement / differential measurement (T1-T2)
- ▶ Electronic zero offset
- ▶ Readings in °C, °F or Kelvin (K)
- ▶ Automatic switch-off after 20 minutes of inactivity

Specifications

Thermocouple types	Type K and Type J
Measuring range thermocouple Type K	-200 ... 1372°C / -328 ... 2501°F
Measuring range thermocouple Type J	-210 ... 1100°C / -346 ... 2012°F
Measurement units	°C / °F / K
Display	Large, dual LCD with backlight
Display functions	T1, T2, T1-T2, MAX, MIN, AVG
Power supply	3 x 1.5V AAA batteries
Automatic shutdown	After 20 minutes of inactivity
Temperature accuracy over -100°C (148°F)	± [0.15% of reading + 1°C (1.8°F)]
Temperature accuracy under -100°C (148°F)	± [0.5% of reading + 2°C (3.6°F)]
Temperature accuracy T1-T2	± [0.5% of reading + 1°C (1.8°F)]
Operating temperature	0 ... 50°C (4 ... 122°F)
Storage temperature	10 ... 50°C (14 ... 122°F)

Subject to change