



Multi Channel Temperature Data Logger PCE-T 1200



PCE-T 1200 Multi Channel Temperature Data Logger

Multichannel datalogging temperature meter with a backlit display, SD card memory and automatic temperature compensation (ATC)

PCE-T 1200 is a 12-channel temperature data logger that accommodates SD cards up to 16 GB in size. The optional software allows the temperature meter to connect to a PC via USB for direct data transfer and analysis via Microsoft Excel. The datalogging interval can be set from 1 second per channel up to a maximum of 3600 seconds. The 4.5" LCD display features a green backlight and can indicate up to eight channels of measurements simultaneously (CH 1 ... CH 8). With just the press of a button, the remaining channels (CH 9 ... CH 12) can be viewed. The temperature meter works with six different kinds of transducers or sensors including type K, type J, type T, type E, type R and type S thermocouples.

- ▶ 12-channel datalogger for temperature (°C / F)
- ▶ Includes 2 Type K sensors 1-meter in length
- ▶ 4.5" graphic LCD display (82 x 61 mm / 3.2 x 2.4 in)
- ▶ Adjustable data recording timer interval
- ▶ Compatible with 6 different types of thermocouples
- ▶ High and low alarm for each inputbr/>- Indication of maximum and minimum values
- ▶ Accommodates up to 16 GB SD memory card to save measured data
- ▶ Integrated calendar
- ▶ Automatic temperature compensation (ATC)
- ▶ Hold function to freeze the values indicated
- ▶ Integrated stand

Subject to change

Specifications

Sensortyp e	Resolution	Measurementrange	Accuracy
TypeK	0.1°C /	-50.1... -100°C / -58.2 ... 212°F	±(0.4% + 1°C / 0.8°F)
	0.18°F	-50... 999.9°C / -58 ... 1831.8°F	±(0.4% + 0.5°C / 0.9°F)
	1°C / 0.8°F	1000... 1300°C / 1832 ... 2372°F	±(0.4% + 1°C / 0.8°F)
TypeJ	0.1°C /	-50.1... -100°C / -58.2 ... 212°F	±(0.4% + 1°C / 0.8°F)
	0.18°F	-50... 999.9°C / -58 ... 1831.8°F	±(0.4% + 0.5°C / 0.9°F)
	1°C / 0.8°F	1000... 1150°C / 1832 ... 2102°F	±(0.4% + 1°C / 0.8°F)
TypeT	0.1°C /	-50.1... -100°C / -58.2 ... 212°F	±(0.4% + 1°C / 0.8°F)
	0.18°F	-50... 400°C / -58 ... 752°F	±(0.4% + 0.5°C / 0.9°F)
TypeE	0.1°C /	-50.1... -100°C / -58.2 ... 212°F	±(0.4% + 1°C / 0.8°F)
	0.18°F	-50... 900°C / -58 ... 1652°F	±(0.4% + 0.5°C / 0.9°F)
TypeR	1°C / 0.8°F	0... 1700°C / 32 ... 3092°F	±(0.5% + 3°C / 7.4°F)
TypeS	1°C / 0.8°F	0... 1500°C / 32 ... 2732	±(0.5% + 3°C / 7.4°F)

Powerconsumption (lights off / logging off) 7.5-mA

Powerconsumption (lights off / logging on) 25-mA

Dimensions 225x 125 x 64 mm / 8.9 x 4.9 x 2.5 in

Weight 827g / 1.8 lbs (excl. battery)

Operationconditions 0°C ... 50°C / 32 ... 122°F, 85% rH

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