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Technical Infrared Thermometer PCE-890U

USB IR Thermometer PCE-890U

**IR Thermometer PCE-890U up to 1150 ° C / 250 ms response time /
LC display / real-time mode via the software / high accuracy**

The IR thermometer ensures easy handling, as well as fast and accurate measurements. The "non-contact" (contact) technology used in this IR thermometer makes it possible to measure the surface temperatures of hard to reach objects. The instrument can, inter alia, be used in order to measure the electrical appliances, extremely hot surfaces or moving objects. Typical applications of the USB IR thermometer are fire protection, road construction, marine and oil industry and many others.

If you have further questions about the temperature test instrument PCE-890U, please check the following technical data or use our contact form or call us. Our technicians and engineers will gladly give any kind of assistance concerning the field "USB IR thermometer" or any other products in the field of control technology, laboratory technology, instrumentation or the scales of PCE Instruments.

- Up to 1150 ° C
- IR Thermometer with LCD Display
- Included Software
- High accuracy
- Real-time mode possible
- Alarm function

Technical specifications:

Measuring range	-50 ... +1150 °C -50 ... 0 ° C: ±4 °C
Accuracy	0 ... +500 °C: 1.5 % ±2 °C above +500 °C: 2 % ±2 °C
Measuring spot	50: 1
Emissivity	0.1 ... 1
Resolution	0.1 °C <1000; 1 °C > 1000
Reaction time	<250 ms
Spectral range	8 ... 14 µm

Data recording	On the PC in real time mode
Laser	<1mW, 630 ... 670 nm, Class 2 (II)
Auto-off function	The meter turns off after 20 seconds to save power
Working Conditions	0 ... +50 °C; 10 ... 95 % RH
Storage conditions	-20 ... +60 °C; <80 % RH
Energy supply	9 V battery
Weight	290 g
Dimensions (L x W x H)	191.5 x 126 x 60 mm

Delivery contents:

- 1 x IR thermometer PCE-889 U
- 1 x USB cable
- 1 x software
- 1 x user manual