PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 9
info@pce-instruments.com

www.pce-instruments.com/english
www.pce-instruments.com

Technical Temperature Meter PCE-889B

Digital infrared thermometer for non-contact temperature measurement / Adjustable emissivity / Optical resolution 30:1 / Measuring range of -50 ... +1000 °C / Double laser aiming / Maximum value display

The digital infrared thermometer is suitable for private and industrial use because of its price-performance ratio. An infraredthermometer is a contactless measuring device. The bright laser dots from infrared instruments are clearly visible and provideeasier temperature measurement from a distance. The spot size ratio allows the user to make even the most remotemeasurements. The emissivity of the infrared thermometer is adjustable.
The temperature range that is measurable is between -50 and +1000 °C. Thus, a large area is covered and this is also the reason why the infrared thermometer is so versatile. The operational area of the infrared thermometer is quite large. Thisequipment can be used in many processes of industry, handicrafts, trade and hobbies. Thus, the infrared thermometer can beused for maintenance of manufacturing facilities. It also helps to ensure the cold chain, and is used for the temperaturechecking of workpieces.

- Optical resolution 30:1
- Measuring range of -50 ... +1000 °C
- Maximum value display
- Adjustable emissivity
- Double laser aiming
- Backlit display

Technical Data

Measuring ranges	-50 ... +1000 °C
Resolution	0.1 °C
Accuracy	±1 %
Response time	<150 ms
Ratio of measuring distance to spot size	30:1
Adjustable emissivity, depending on the material	0.1 ... 1.0
Spectral range	8 ... 14 µm
Visible laser beams for sighting	Double laser (class 2)
Dimensions	146 x 104 x 43 mm
Weight	163 g
Temperature units	°C / °F
Display functions	HOLD function, automatic shutdown, maximum value display
Backlight	yes

Indicator if temperature is exceeded	yes
Duration measurement function	yes
Alarm output	yes
Power supply	9 V block battery

Delivery Contents

- 1 x Digital Infrared Thermometer PCE-889B
- 1 x Battery
- 1 x Instruction manual