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Digital thermometer PCE-600

Mini infrared thermometer with large measuring range -35 ... 260°C (-31 ... 500°F) / Data Hold function

Simple, handy and robust mini-infrared thermometer for non-contact measurement of surface temperature. The mini-infrared thermometer has a display of the current temperature. After the measurement, the measured value remains in the display. Within less than a second you get the surface temperature. The non-contact measuring method also enables the measurement of hot, dangerous or hard-to-reach objects. The applications are virtually unlimited. Thus, this mini-infrared thermometer can be used in the control of heating and air conditioning systems, underfloor heating, for detecting hot spots on electrical equipment, etc. The emission value of this infrared thermometer is set to 0.95 and thus covers 90% of all temperature measurement tasks.

-	IR temperatur	re measuring	range	of	-35		260°C /	-3	1	500°F
-	Measured	value	display	opt	ionally		in	°C	or	°F
-	Automatic									shutdown
-	Display	y	of the		current			te	temperature	
-	Last	measurement	is		retained		for	1:	5	seconds
-	Distance	/ m	easuring	po	int	rat	tio	of	1:	1
Form to handle compact design										

- Easy to handle - compact design

Specifications:

Temperature measurement range -35 ... 260°C / -31 ... 500°F

Resolution $0.1^{\circ}\text{C} / 0.18^{\circ}\text{F}$

Accuracy $\pm (2\% \text{ of } Mw + 2^{\circ}C / 3.6^{\circ}F)$ Repeatability $\pm 1\% \text{ or } \pm 1^{\circ}C / 1.8^{\circ}F$

Emissivity 0.95 Optical resolution 1: 1

 $\begin{array}{ll} \text{Response time} & \text{About 1 ms} \\ \text{Wavelength range} & \text{8 ... 14 } \mu\text{m} \end{array}$

 $\begin{array}{lll} Power \ supply & 2 \ x \ 1.5 V \ LR44 \ batteries \\ Operating \ conditions & 0 \ \dots \ 50^{\circ}C \ / \ 32 \ \dots \ 122^{\circ}F \\ Storage \ conditions & -20 \ \dots \ 60^{\circ}C \ / \ -4 \ \dots \ 140^{\circ}F \\ Dimensions & 18 \ x \ 90 \ mm \ / \ 0.7 \ x \ 3.5 \ in \\ Weight & About \ 20 \ g \ / \ 1 \ lb \end{array}$

Delivery scope:

1 x Digital thermometer PCE-600

2 x LR44 battery

1 x User manual