

Mini pocket type, Emissivity adj., Laser target light

INFRARED THERMOMETER

Model : TM-958

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

INFRARED THERMOMETER

Model : TM-958

FEATURES	
* Infrared thermometer, non-contact temperature measurement, -30 to 300 °C (-22 to 572 °F), precision for none contact temperature measurement.	* Emissivity value can adjust from 0.2 to 1.00.
	* Back light LCD display.
	* LCD display both temperature and the emissivity value.
* Microcomputer circuit with high performance.	* Laser target guide for IR thermometer.
* Wide temperature measuring range.	* 0.5 degree display resolution.
* Measurement via one operation button, easy to operate.	* Auto power shut off saves battery life.
	* Built-in low battery indicator.
* Build in °C & °F select switch.	* Compact housing case with stand.
* Automatic data hold.	* Operates from 006P DC 9V battery.
* 0.95 default emissivity value.	

GENERAL SPECIFICATIONS			
Display	LCD, 29 mm x 33 mm. * Main display to show temp. value. * Lower display to show emissivity value. * Back Light.	Sampling Time	Approx. 0.6 second.
		Hold and Auto Power Off function	After release the operation switch, display will hold the last measuring value within 5 seconds continuously.
Functions	°C, °F, Auto data hold, Auto power off, Auto LCD back light, Emissivity adjustment.	Over Indication	≥ 305 °C, display will show 350 °C and flashed. ≤ -30 °C, display will show -30 °C and flashed.
		Power Supply	DC 9V battery, 006P, MN1604 (PP3) or equivalent, heavy duty or Alkaline.
		Power Consumption	Approx. DC 14 mA, with laser light out. Approx. DC 25 mA, w/o laser light out.
Measurement Range	-30 to 300 °C (-22 to 572 °F),	Operating Temp. and Humidity	0 to 50 °C (32 to 122 °F). Less than 80% RH.
Resolution	0.5 °C /0.5 °F.	Weight	140 g/0.3 LB (without battery).
Circuit	Exclusive microcomputer circuit.	Dimension	160 x 92 x 45 mm. (6.3 x 3.6 x 1.8 inch).
Emissivity Adjustment	Adjustment range : 0.20 to 1.00. * 0.95 default emissivity value.	Standard Accessory	Operational manual..... 1 PC.
Target Guide	* Less than 1 mW. * Class 2 laser diode. Red. Wave length is 645 nm approximately.		

ELECTRICAL SPECIFICATIONS			
Measurement Range	-30 to 300 °C (-22 to 572 °F),	Temp. Sensor	Thermocouple pie.
Resolution	0.5 °C /0.5 °F.	Emissivity Setting	* By push button. Setting range : 0.20 to 1.00.
Accuracy	± 3 % of reading or ± 3 °C (5 °F), which ever is greater. * Meter operating temp. within 23± 5 °C and the emissivity value of measurement target set to 0.95. * Spec. tested under the 20 cm dia. black body, the measuring distance from the probe sensing Head is 30 cm.		* The default emissivity value is 0.95, which will cover 90% of a typical application.
		Measurement Wave length Region	6 to 12 micro meter.
		Distance Factor	D/S : Approx. 7:1. D - Distance, S - Spot.