

Mini pocket type, Emissivity adj., Laser target light
INFRARED THERMOMETER

Model : TM-958

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Laser Target Light

INFRARED THERMOMETER

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

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. * <i>Meter operating temp. within 23± 5 °C and the emissivity value of measurement target set to 0.95.</i> * <i>Spec. tested under the 20 cm dia. black body, the measuring distance from the probe sensing Head is 30 cm.</i>		* 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.

* Appearance and specifications listed in this brochure are subject to change without notice.

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