Mini pocket type, Emissivity adj., LED target light

INFRARED THERMOMETER

Model : TM-959   ISO-9001, CE, IEC1010

Lutron

The Art of Measurement

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Mini pocket type, Emissivity adj., LED target light

INFRARED THERMOMETER

Model : TM-959

FEATURE

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

GENERAL SPECIFICATION

Display	* LCD, 29 mm x 33 mm. * Main display to show temp. value. * Lower display to show emissivity value. * Back Light.
Functions	℃, ℉, Auto data hold, Auto power off, Auto LCD back light, Emissivity adjustment.
Emissivity	Adjustment range : 0.20 to 1.00.
Measurement Range	-30 to 300 ℃ (-22 to 572 ℉),
Resolution Circuit	0.5 ℃/0.5 ℉. Exclusive microcomputer circuit.
Adjustment	* 0.95 default emissivity value.
Target Guide	Safety red LED Light.
Over Indication	$\geqq$ 305 ℃, display will show 350 ℃ and flashed. $\leqq$-30 ℃, display will show -30 ℃ and flashed.
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.
Power Supply	DC 9V battery, 006P, MN1604 (PP3) or equivalent, heavy duty or Alkaline.
Power Consumption	with LED target light out : Approx. DC 12 mA. with LED target light out : Approx. DC 24 mA.
Operating Temperature	0 to 50 ℃ (32 to 122 ℉).
Operating Humidity	Less than 80% RH.
Dimension	160 x 92 x 45 mm (6.3 x 3.6 x 1.8 inch).
Standard Accessory	Operational manual..... 1 PC.

ELECTRICAL SPECIFICATIONS (23± 5 ℃)

Measurement Range	-30 to 300 ℃ (-22 to 572 ℉),
Resolution	0.5 ℃/0.5 ℉.
Accuracy	± 3 % of reading or ± 3 ℃ (5 ℉), which ever is greater.
	* Meter operating temp. within 23± 5 ℃ 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.
Temp. Sensor	Thermocouple pie.
Emissivity Setting	* By push button. Setting range : 0.20 to 1.00.
	* 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.

TM-959+0503

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