economical type

INFRARED THERMOMETER

Model : TM-956   *ISO-9001, CE, IEC1010*

Diameter of spot

mm	50	75	100	125	150
inch	2	3	4	5	6

mm	330	500	670	840	1000
inch	13	20	26.4	33	40

Distance to object

FEATURES

* Range : -30 ℃ to 305 ℃ .
* Mini pocket type.
* 0.95 emissivity value.
* LED target light, safety.
* 0.5 degree display resolution.
* ℃, ℉ internal select.
* Automatic display hold.
* DC 9V battery (006P).

LUTRON ELECTRONIC   *The Art of Measurement*

Economical type

INFRARED THERMOMETER
Model : TM-956

FEATURES	
* Infrared thermometer, non-contact temperature measurement, -30 to 305 ℃ (-22 to 581 ℉), precision for none contact temperature measurement.	* 0.95 emissivity value.
	* Back light LCD display.
	* LCD display both temperature and the emissivity value.
* Microcomputer circuit with high performance.	* Safety red LED target guide.
* 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 ℃ & ℉ select switch.	* Compact housing case with stand.
* Automatic data hold.	* Operates from 006P DC 9V battery.

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	℃, ℉, Auto data hold, Auto power off, Auto LCD back light, Emissivity adjustment.	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.*
Measurement Range	-30 to 305 ℃ (-22 to 581 ℉),	Operating Temp. and Humidity	0 to 50 ℃ (32 to 122 ℉). Less than 80% RH.
Resolution	0.5 ℃/0.5 ℉.		
Circuit	Exclusive microcomputer circuit.		
Emissivity	* 0.95 emissivity value.	Weight	140 g/0.3 LB (without battery).
		Dimension	160 x 92 x 45 mm. (6.3 x 3.6 x 1.8 inch).
Target Guide	Safety red LED Light.		
Over Indication	≧ 305 ℃, display will show 350 ℃ and flashed. ≦-30 ℃, display will show -30 ℃ and flashed.	Standard Accessory	Operational manual..... 1 PC.

ELECTRICAL SPECIFICATIONS			
Measurement Range	-30 to 305 ℃ (-22 to 581 ℉),	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.*
Resolution	0.5 ℃/0.5 ℉.		
Emissivity	*0.95.*		
Temp. Sensor	Thermocouple pie.		
Measurement Wave length Region	6 to 12 micro meter.		
Distance Factor	D/S : Approx. 7:1. D - Distance, S - Spot.		