

*economical type*

# INFRARED THERMOMETER

Model : TM-956

ISO-9001, CE, IEC1010



## FEATURES

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



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# INFRARED THERMOMETER

Model : TM-956

FEATURES	
* Infrared thermometer, non-contact temperature measurement, -30 to 305 °C ( -22 to 581 °F ), 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 °C & °F 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.
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 305 °C ( -22 to 581 °F ),	Power Supply	DC 9V battery, 006P, MN1604 ( PP3 ) or equivalent, heavy duty or Alkaline.
Resolution	0.5 °C/0.5 °F.	Power Consumption	with LED target light out : <i>Approx. DC 12 mA.</i> with LED target light out : <i>Approx. DC 24 mA.</i>
Circuit	Exclusive microcomputer circuit.	Operating Temp. and Humidity	0 to 50 °C (32 to 122 °F). Less than 80% RH.
Emissivity	* 0.95 emissivity value.	Weight	140 g/0.3 LB ( without battery ).
Target Guide	Safety red LED Light.	Dimension	160 x 92 x 45 mm. ( 6.3 x 3.6 x 1.8 inch ).
Over Indication	≥ 305 °C, display will show 350 °C and flashed. ≤ -30 °C, display will show -30 °C and flashed.	Standard Accessory	Operational manual..... 1 PC.

ELECTRICAL SPECIFICATIONS			
Measurement Range	-30 to 305 °C ( -22 to 581 °F ),	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>
Resolution	0.5 °C/0.5 °F.		
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.		

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