

economical type

# INFRARED THERMOMETER

**Model : TM-956**

*ISO-9001, CE, IEC1010*

*www.yalab.com.tw 02-2389-0101*



## 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 ).



**Lutron**

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*The Art of Measurement*

## Economical type

# Model : TM-956 INFRARED THERMOMETER

### FEATURES

- \* Infrared thermometer, non-contact temperature measurement, -30 to 305 °C ( -22 to 581 °F ), 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 °C & °F select switch.
- \* Automatic data hold.
- \* 0.95 emissivity value.
- \* 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	°C, °F, Auto data hold, Auto power off, Auto LCD back light, Emissivity adjustment.
Measurement Range	-30 to 305 °C ( -22 to 581 °F ),
Resolution Circuit	0.5 °C / 0.5 °F. Exclusive microcomputer circuit.
Emissivity	* 0.95 emissivity value.
Target Guide	Safety red LED Light.
Over Indication	$\geq 305$ °C, display will show 350 °C and flashed. $\leq -30$ °C, display will show -30 °C 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 Temp. and Humidity	0 to 50 °C ( 32 to 122 °F). Less than 80% RH.
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 (23± 5 °C)

Measurement Range	-30 to 305 °C ( -22 to 581 °F ),	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.
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.

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