

Dual laser targeting, + type K thermometer

1,000 °C INFRARED THERMOMETER

Model : TM-969

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

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FEATURES

- * None contact infrared temperature measurement up to 1,000 °C measurement.
- * Type K thermocouple thermometer, up to 1400 °C measurement.
- * Dual laser for better targeting.
- * Large LCD display with back light.
- * D/S ratio value : 50/1.
- * Min., Max., Differential, Average, Lock mode.
- * Last measurement memory.
- * Hi/Lo Temperature Audio Alarm.
- * Laser target and Back light On/Off control.
- * Adjustable emissivity value from 0.1 to 1.00.
- * Preset emissivity value at 0.95.
- * Power supply by two AAA batteries, long life.

GENERAL SPECIFICATIONS

Display	LCD, 31 mm x 43 mm.		Measurement	8 to 14 micro meter.
Functions	* °C, °F. * Min., Max., Differential, Average. * Lock mode. * Auto power off. * LCD back light. * Emissivity adjustment.		Wave length Region	
			Distance Factor	D/S : Approx. 50:1 (typical 25:1). D - Distance, S - Spot. * <i>Distance to spot using 90% encircled energy at focal point.</i>
IR Measurement Range	-60 to 1000 °C (-76 to 1832 °F).		Target Guide	* Two laser target guide. * Less than 1 mW. * Class 2 red laser diode. Wave length is 645 nm approximately.
IR Accuracy	± 1 °C (1.8 °F) * <i>Object Temp. = 15 to 35 °C</i> * <i>Ambient Temp. = 25 °C</i>			
	± 2 % of reading or ± 2 °C (± 4 °F). whichever is greater. * <i>Object Temp. = -33 to 1000 °C</i> * <i>Ambient Temp. = 23 ± 3°C</i>		Sampling Time	Approx. 0.7 second.
			Power Supply	DC 1.5V AAA (UM-4) battery x 2 PCs, heavy duty or Alkaline.
			Power Consumption	without target light on : <i>Approx. DC 1.5 mA.</i>
with target light on : <i>Approx. DC 29.5 mA.</i>				
Type K Thermometer Range	-64 to 1400 °C (-83.2 to 2552 °F).		Operating Temperature	0 to 50 °C (32 to 122 °F).
Type K Thermometer Accuracy	± 1 % of reading or ± 1 °C (± 1.8 °F) , * Test under T ambient = 23 ± 5 °C		Operating Humidity	Less than 80% RH.
Resolution	0.1 °C / 0.1 °F.	< 1,000 °C / < 1,000 °F	Weight	386 g / 0.85 LB.
	1 °C / 1 °F.	≥ 1,000 °C / ≥ 1,000 °F		
Circuit	Exclusive microcomputer circuit.		Dimension	203 x 197 x 47 mm (8.0 x 7.7 x 1.8 inch)
Emissivity Adjustment	Adjustment range : 0.10 to 1.00, step 0.01. * 0.95 default emissivity value.		Standard Accessories	Operational manual..... 1 PC. Hard carrying case..... 1 PC. DC 1.5V AAA (UM-4) battery..... 2 PC.
IR Temp. Sensor	Thermocouple pie.			

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

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