

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

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

1502-TM969

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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