

*Dual laser targeting, + type K thermometer*

# 1,000 °C INFRARED THERMOMETER

Model : TM-969

ISO-9001, CE, IEC1010



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[www.WorldTesters.com](http://www.WorldTesters.com)

[sales@eztech-usa.com](mailto:sales@eztech-usa.com)

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## 1,000 °C INFRARED THERMOMETER

### Model : TM-969

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	Region
	* Min., Max., Differential, Average.		Distance Factor	
IR Measurement Range	* Lock mode.			D/S : Approx. 50:1 ( typical 25:1 ).
	* Auto power off.		D - Distance, S - Spot.	
IR Accuracy	* LCD back light.		* Distance to spot using 90% encircled energy at focal point.	
	* 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 )		* Class 2 red laser diode. Wave length is 645 nm approximately.	
Type K Thermometer Accuracy	* Object Temp. = 15 to 35 °C		Sampling Time	Approx. 0.7 second.
	* Ambient Temp. = 25 °C		Power Supply	DC 1.5V AAA ( UM-4 ) battery x 2 PCs, heavy duty or Alkaline.
Type K Thermometer Range	± 2 % of reading or ± 2 °C ( ± 4 °F ). whichever is greater.		Power Consumption	without target light on : Approx. DC 1.5 mA.
	* Object Temp. = -33 to 1000 °C		with target light on : Approx. DC 29.5 mA.	
Type K Thermometer Accuracy	* Ambient Temp. = 23 ± 3 °C		Operating Temperature	0 to 50 °C ( 32 to 122 °F ).
	-64 to 1400 °C ( -83.2 to 1999 °F ).		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.
Circuit	Exclusive microcomputer circuit.		Dimension	203 x 197 x 47 mm ( 8.0 x 7.7 x 1.8 inch )
	1 °C / 1 °F.		Standard Accessories	Operational manual..... 1 PC.
Emissivity Adjustment	Adjustment range : 0.10 to 1.00, step 0.01.			Magnetic stand..... 1 PC.
IR Temp. Sensor	* 0.95 default emissivity value.		Hard carrying case..... 1 PC.	
	Thermocouple pie.		DC 1.5V AAA ( UM-4 ) battery..... 2 PC.	

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

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