

Dual laser targeting, + type K thermometer

# 1,000 °C INFRARED THERMOMETER

Model : TM-969

ISO-9001, CE, IEC1010

پترو فرهان گستر جنوب



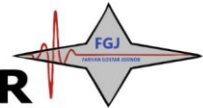
FGJ-NDT.IR  
DIGINDT.IR

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LUTRON ELECTRONIC

**The Art of Measurement**

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Tehran, Tehransar

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.	پترو فرهان گستر جنوب
* Large LCD display with back light.	+982165565901
* D/S ratio value : 50/1.	+982144584619
* Min., Max., Differential, Average, Lock mode.	+989034119385
* Last measurement memory.	
* Hi/Lo Temperature Audio Alarm.	
* Laser target and Back light On/Off control.	FGJ-NDT.IR
* Adjustable emissivity value from 0.1 to 1.00.	DIGINDT.IR
* 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	
IR Measurement Range	-60 to 1000 °C ( -76 to 1832 °F ).	Region	
IR Accuracy	± 1 °C ( 1.8 °F ) * Object Temp. = 15 to 35 °C * Ambient Temp. = 25 °C ± 2 % of reading or ± 2 °C ( ± 4 °F ), whichever is greater. * Object Temp. = -33 to 1000 °C * Ambient Temp. = 23 ± 3 °C	Distance Factor	D/S : Approx. 50:1 ( typical 25:1 ). D - Distance, S - Spot.  * Distance to spot using 90% encircled energy at focal point.
Type K Thermometer Range	-64 to 1400 °C ( -83.2 to 1999 °F ).	Target Guide	* Two laser target guide. * Less than 1 mW. * Class 2 red laser diode. Wave length is 645 nm approximately.
Type K Thermometer Accuracy	± 1 % of reading or ± 1 °C ( ± 1.8 °F ), * Test under T ambient = 23 ± 5 °C	Sampling Time	Approx. 0.7 second.
Resolution	0.1 °C/0.1 °F. < 1,000 °C/< 1,000 °F 1 °C/1 °F. ≥ 1,000 °C/≥ 1,000 °F	Power Supply	DC 1.5V AAA ( UM-4 ) battery x 2 PCs, heavy duty or Alkaline.
Circuit	Exclusive microcomputer circuit.	Power Consumption	without target light on : Approx. DC 1.5 mA. with target light on : Approx. DC 29.5 mA.
Emissivity Adjustment	Adjustment range : 0.10 to 1.00, step 0.01. * 0.95 default emissivity value.	Operating Temperature	0 to 50 °C ( 32 to 122 °F ).
IR Temp. Sensor	Thermocouple pie.	Operating Humidity	Less than 80% RH.
		Weight	386 g/0.85 LB.
		Dimension	203 x 197 x 47 mm ( 8.0 x 7.7 x 1.8 inch )
		Standard Accessories	Operational manual..... 1 PC. Magnetic stand.....1 PC. Hard carrying case..... 1 PC. 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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