

laser target, + type K thermometer

760 °C INFRARED THERMOMETER

Model : TM-960

FEATURES	
* None contact infrared temperature measurement up to 760°C measurement.	
* Type K thermocouple thermometer, up to 1400°C measurement.	
* 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, 25 mm x 25 mm	Measurement Wave length Region	8 to 14 micro meter.
Functions	* °C, °F . * Min., Max., Differential, Average. * Lock mode. * Auto power off. * LCD back light. * Emissivity adjustment.	Distance Factor	D/S : Approx. 50:1 (typical 25:1). D - Distance, S - Spot. * Distance to spot using 90% encircled energy at focal point.
IR Measurement Range	-60 to 760°C (-76 to 1400 °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) * 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 760°C * Ambient Temp. = 23 ± 3°C	Sampling Time	Approx. 0.7 second.
Type K Thermometer Range	-64 to 1400°C (-83.2 to 1999°F).	Power Supply	DC 1.5V AAA (UM-4) battery x 2 PCs, heavy duty or Alkaline.
Type K Thermometer Accuracy	± 1 % of reading or ± 1°C (± 1.8°F), * Test under T ambient = 23 ± 5 °C	Power Consumption	without target light on : Approx. DC 1.5 mA with target light on : Approx. DC 29.5 mA.
Resolution	0.1°C /0.1°F	Operating Temperature	0 to 50 °C (32 to 122°F).
Circuit	Exclusive microcomputer circuit.	Operating Humidity	Less than 80% RH.
Emissivity Adjustment	Adjustment range : 0.10 to 1.00, step 0.01. * 0.95 default emissivity value.	Weight	221.8 g.
IR Temp. Sensor	Thermocouple pie.	Dimension	48.8 × 132.7 × 146 mm (1.92 × 5.22 × 5.75 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.

0709-TM960