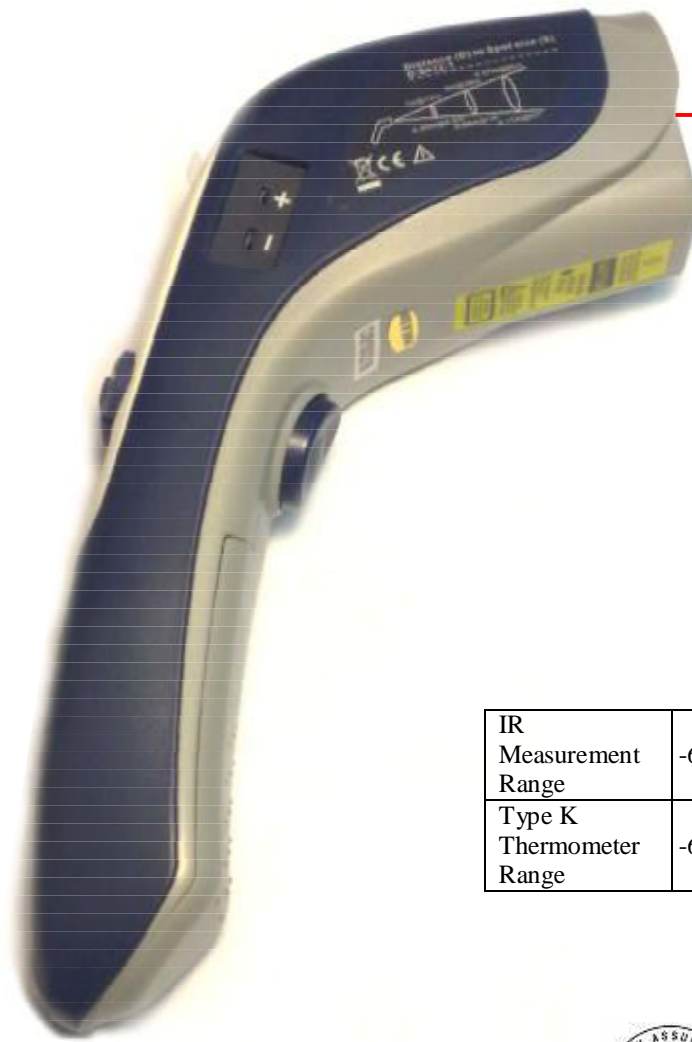


laser target, + type K thermometer

760 °C INFRARED THERMOMETER

Model : TM-960

ISO-9001, CE, IEC1010



| | |
|--------------------------|------------------------------------|
| IR Measurement Range | -60 to 760°C (-76 to 1400° F). |
| Type K Thermometer Range | -64 to 1400°C (-83.2 to 1999° F). |



Lutron

LUTRON ELECTRONIC

The Art of Measurement

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. |
| | | Target Guide | * Two laser target guide * Less than 1 mW. * Class 2 red laser diode. Wave length is 645 nm approximately. |
| IR Measurement Range | -60 to 760°C (-76 to 1400°F). | Sampling Time | Approx. 0.7 second. |
| 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 | Power Supply | DC 1.5V AAA (UM-4) battery x 2 PCs, heavy duty or Alkaline. |
| | | Power Consumption | without target light on : Approx. DC 1.5 mA with target light on : Approx. DC 29.5 mA. |
| Type K Thermometer Range | -64 to 1400°C (-83.2 to 1999°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. |
| | | Weight | 221.8 g. |
| Resolution | 0.1°C /0.1°F | Dimension | 48.8 ×132.7 ×146 mm (1.92 ×5.22 × 5.75 inch) |
| Circuit | Exclusive microcomputer circuit. | Standard Accessories | Operational manual..... 1 PC. Magnetic stand.....1 PC. Hard carrying case..... 1 PC. DC 1.5V AAA (UM-4) battery.. 2 PC. |
| Emissivity Adjustment | Adjustment range : 0.10 to 1.00, step 0.01. * 0.95 default emissivity value. | | |
| IR Temp. Sensor | Thermocouple pie. | | |

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

0709-TM960