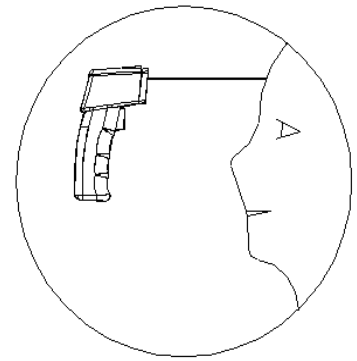


Precision, 0.1 °C resolution, safety red LED target light

FOREHEAD IR THERMOMETER

Model : TM-966A

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

FOREHEAD IR THERMOMETER

Model : TM-966A

FEATURES

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| * Non-contact temperature measurement, 34.0 °C to 43.0 °C (93.2 °F to 109.4 °F) precision for forehead no contact temperature measurement. |
| * 0.1 degree resolution, high precision, exclusive design for the human forehead temperature measurement. |
| * Useful instrument to find the not normal (extra higher) human body temperature in the crowd quickly. |
| * Automatic data hold. |
| * Back light LCD display. |
| * High repeatability with 0.5 °C. |
| * °C, °F, display unit, select by internal switch.. |
| * IR measurement with red LED light guide, safety. |
| * Microprocessor circuit. |
| * Gun type, heavy duty & compact housing case. |
| * Data hold function to freeze the display reading. |
| * LCD display, easy readout. |
| * Operates from 006P DC 9V battery. |

GENERAL SPECIFICATIONS

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| Circuit | Custom one-chip of micro processor LSI circuit. |
| Display | LCD, 29 mm x 33 mm. |
| Functions | °C, °F, Auto data hold, Auto power off, Auto LCD back light. |
| Sampling Time | Approx. 0.6 second. |
| Hold and Auto Power Off function | After release the operation switch, display will hold the last measuring value for 5 seconds continuously. |
| Power Supply | 006P DC 9V battery (Heavy Duty Type, Alkaline type) or equivalent. |
| Power Consumption | without LED target light ON : <i>Approx. DC 12 mA.</i> with LCD backlight ON : <i>Approx. DC 48 mA.</i> |

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| Operating Temperature | 0 to 50 °C (32 to 122 °F). |
| Operating Humidity | Less than 80% RH. |
| Weight | 140 g/0.3 LB (without battery). |
| Dimension | 160 x 92 x 45 mm. (6.3 x 3.6 x 1.8 inch). |
| Standard Accessory | Operational manual..... 1 PC. |
| Accessory Included | Instruction manual..... 1 PC. |
| Optional Carrying Case | Soft carrying case, CA-05A. |

ELECTRICAL SPECIFICATIONS

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| Measuring range | Forehead temperature measurement : 34.0 °C to 43.0 °C (93.2 °F to 109.4 °F) |
| Resolution | 0.1 °C (0.1 °F). |
| Accuracy | Forehead temperature measurement : ± 0.5 °C <i>* Within 23 ± 5 °C ambient operating</i> <i>* Spec. testing under distance is 3 cm.</i> |
| Repeatability | Forehead temperature measurement : ± 0.5 °C <i>* Within 23 ± 5 °C ambient operating</i> <i>* Two measuring data that test between 1 minute.</i> <i>* Spec. testing under distance is 3 cm.</i> |
| Measuring distance | 2 to 5 cm. |
| IR Sensor | Thermocouple pie. |
| Light Guide | Red LED light, safety for human eye. |
| Emissivity Setting | 0.95. |
| Measurement Wave Length | 6 to 12 micro meter. |
| Distance Factor | D/S : Approx. 7:1. D - Distance, S - Spot. |