METRAVI DIGITAL NON CONTACT INFRA RED THERMOMETER WITH DUAL LASER POINTER

MT-8

INTRODUCTION

MT-8 is capable of non-contact (infrared) temperature measurements at the touch of a button. The built-in laser pointer increases target accuracy while the backlight LCD and handy push-buttons combine for convenient, ergonomic operation. The Non-contact Infrared Thermometers can be used to measure the temperature of objects' surface that is improper to be measured by traditional (contact) thermometer (such as moving object, the surface with electricity current or the objects which are uneasy to be touched.)

FEATURES

- Rapid detection function
- Precise non-contact measurements
- Dual laser sighting indicates diameter of target whose temperature is displayed
- Unique flat surface, modern housing design
- Automatic Data Hold
- °C / °F switch
- Emissivity Digitally adjustable from 0.10 to 1.0
- MAX temperature displays
- Backlight LCD display
- Automatic selection range and Display Resolution 0.1°C (0.1°F)
- Trigger lock
- Set high and low alarms

WIDE RANGE APPLICATION:

Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen printing, measure ink and Dryer temperature, HVAC/R, Diesel and Fleet maintenance

SPECIFICATIONS

-50 to 1000°C (-58°F ~ 1832°F) Temperature range

D:S

Display resolution 0.1°C (0.1°F) <1000, 1° >1000

Accuracy for targets:

Ambient operating temperature of 23 to 25°C

 $-50 \sim 20^{\circ}\text{C} (-58^{\circ}\text{F} \sim 68^{\circ}\text{F}) \pm 2.5^{\circ}\text{C} (4.5^{\circ}\text{C})$ 20°F ~ 300°F (68°C ~ 572°F) ±1.0%

± 1.0°C (1.8°F)

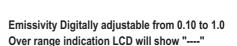
300 °C ~1000 °C (572 °F~1832 °F) ±1.5%

Repeatability $-50 \sim 20 \,^{\circ}\text{C} \, (-31 \sim 68 \,^{\circ}\text{F}) : \pm 1.3 \,^{\circ}\text{C} \, (2.3 \,^{\circ}\text{F})$

20 ~ 1000 °C (68 ~ 1832 °F): ± 0.5% or ± 0.5 °C (0.9 °F)

Response time 150ms

Spectral response 8 ~ 14um



Automatic (no indication for positive **Polarity**

polarity);

Minus (-) sign for negative polarity output <1mW **Diode laser**

Wavelength 630 ~ 670nm, Class 2 laser product

Operating temp. 0 to 50 °C (32 to 122 °F) Storage temp. -10 to 60 °C (14 to 140 °F) 10% ~ 90% RH operating, Relative humidity

<80%RH storage

9V battery, NEDA 1604A or IEC 6LR61, Power supply

or equivalent

Safety " CE " Comply with EMC

*Technical Specifications & Appearance are subject to change without prior notice

THE QUALITY LEADER www.metravi.ca