



Infrared Thermometer Instructions

SAFETY

- Use extreme caution when the laser beam is turned on.
- Do not let the beam enter your eye, another person's eye or the eye of an animal.
- Be careful not to let the beam on a reflective surface strike your eye.
- Do not allow the laser light beam impinge on any gas which can explode.

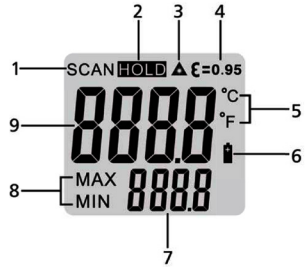


GENERAL SPECIFICATIONS

Meas. Ranges	-30° to 380°C/-22°F to 716°F
Response Time	Less than 1 second
Over Range Indication	LCD will show "-----"
Polarity	Automatic (no indication for positive polarity): Minus (-) sign for negative polarity.
Emissivity	0.95 fixed value
Field of View	D/S=Approx. 8:1 ratio (D=distance, S=spot) (Has 90% encircled energy at the focal point)
Diode Laser	Output <1mW, Wavelength 630~670nm, class 2 (II) Laser product
Spectral Respose	6~14um
Power Off	Automatic shut off after 8 seconds, approx.
Operating Temp.	0°C to 50°/32°F to 122°F
Storage Temp.	-20°C to 60°C/-4°F to 140°F
Relative Humidity	10%-90%RH operating. <80%RH storage
Power Supply	9V battery, NEDA 1604A or IEC 6LR61, or equivalent
Weight	180g.
Size	82 x 41.5 x 160mm

INDICATOR

- 1 - Measuring indication
- 2 - Data Hold
- 3 - Laser Point
- 4 - Fixed Emissivity (0.95) scan Symbol
- 5 - Temperature °C (Celsius)/°F (Fahrenheit)
- 6 - LOW battery indicator
- 7 - MAX/MIN readout
- 8 - MAX/MIN Symbol
- 9 - Digital readout



MEASUREMENT OPERATION

1. Hold the meter by its Handle Grip and point it toward the surface to be measured.
2. Pull and hold the Trigger to turn the meter on and begin testing. The display will light if the battery is good. Replace the battery if the display does not light.
3. While measuring, the SCAN display icon will appear in the upper left hand corner of the LCD.
4. While continuing to pull the Trigger:
 - Push the "Laser/Backlight" button once to turn on the laser pointer. When the laser is on, the laser icon "▲" will appear on the LCD.
 - Push the "Laser/Backlight" button two times to turn on the backlight.
 - Push the "Laser/Backlight" button three times to turn the laser off.
 - Push the "Laser/Backlight" button four times to turn both the laser and backlight off.
 - Select the temperature units (°C or °F) using the "°C/°F" buttons.
 - Select the Max/Min mode using the "Max/Min" buttons.
5. Release the Trigger and the HOLD display icon will appear on the LCD indicating that the reading is being held.
6. The meter will automatically power off on approximately 8 seconds after the trigger is released.

BATTERY REPLACEMENT

1. As battery power is not sufficient, LCD will display "🔋" replacement with one new battery type 9V is required.
2. Open battery cover, then take out the battery from instrument and replace with a new 9-Volt battery and place the battery cover back.

