

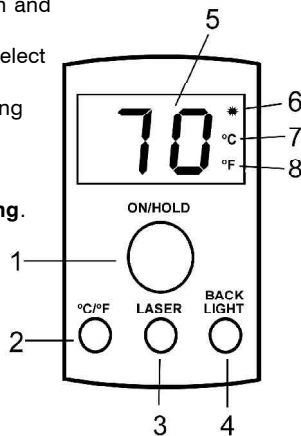
TRACEABLE® INFRARED THERMOMETER GUN INSTRUCTIONS

SPECIFICATIONS

Range:	-4 to 788°F / -20 to 420°C
Resolution:	1°
Accuracy:	± 2°C or 2% of reading between -20 to 100°C, otherwise ± 3°C or 3% of reading
Emissivity:	0.95
Sampling Rate:	1 second
Features:	Laser targeting, fast reading, field view 8:1, backlight, auto power off
Size/Weight:	7 × 2 × 1½" / 7 oz
Attachments:	Lanyard and carrying case
Battery:	9-Volt

CONTROLS AND INDICATORS

- ON/HOLD Button** - Turns unit off/on and records temperature measurement.
- °C/°F Button** - Fahrenheit/Celsius select button.
- LASER Button** - Turns laser-targeting feature on and off.
- BACKLIGHT Button** - lights LCD display.
- Temperature measurement reading.** Displays recorded temperature measurement.
- Laser "ON" indicator** Indicates unit is in laser-targeting mode.
- °C Celsius scale indicator.**
- °F Fahrenheit scale indicator.**



OPERATION

Power On/Off

Press and continue to hold down the ON/HOLD button to take temperature readings. After the button is released, the last temperature measured will be displayed for approximately 7 seconds and the meter will turn off.

Hold Feature

Press the ON/HOLD button once to capture and hold a single temperature. This will "freeze" the LCD display with a single reading. The temperature reading will be displayed for approximately 7 seconds and the meter will turn off.

Distance Spot/Ratio

To take temperature measurements, point the meter at the surface to be measured and press the ON button.

There are other factors that may affect measurement accuracy. The target must completely fill the spot diameter seen by the infrared sensor; otherwise readings will be influenced by the surface surrounding the target. The ratio of the distance to the size of the spot being measured is 8:1. For example, an object's diameter of 100mm can be measured from 800mm away (Refer to Figure 2).

Selecting °F or °C

While the LCD digital display is on, pressing the green °C/°F button will toggle the thermometer to display temperatures in Celsius or Fahrenheit.

Backlight Operation

Press the ON/HOLD button to activate the unit, pressing the yellow BACK LIGHT button will toggle the backlight off and on. The backlight will come on each time the ON/HOLD button is pressed until the BACK LIGHT button has been toggled off.

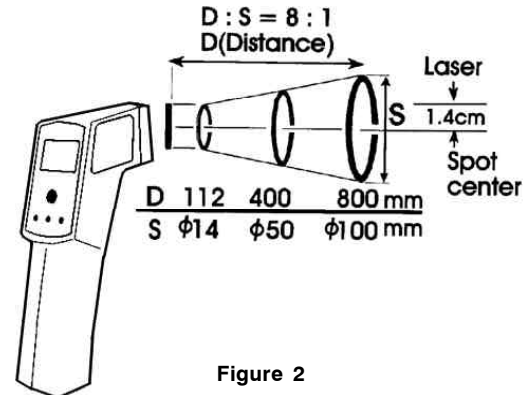


Figure 2

Laser Targeting

To turn the laser-targeting feature on or off hold down the ON/HOLD button and press the LASER button. Repeat the procedure to turn the laser off. The unit will remain in the last mode until changed.

CAUTION: Eye damage may result from direct exposure to laser light.

NOTE: CLASS II Laser Product

Complies with FDA radiation performance standard, 21 CFR Subchapter J

ALL OPERATIONAL DIFFICULTIES

If this unit does not function properly for any reason, replace the battery with a new high quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

BATTERY REPLACEMENT

Erratic readings, a faint display, no display or a flashing display are all indicators that the battery must be replaced. Slide the battery compartment panel on the back of the unit in the direction the arrow. Replace the exhausted battery with a new 9-volt alkaline battery. Slide the panel back into place. Replacement battery Cat. No. 1112.

WARRANTY, SERVICE, OR RECALIBRATION

Cat. No. 4470

Traceable® Infrared Thermometer Gun Instructions

92-4470-00

Rev. 1 062904

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