

## SPECIFICATIONS

Range: -27 to 428 °F / -33 to 220 °C  
Resolution: 0.1° (-9.9 to 199.9)  
1° (otherwise)

## OPERATION

Press and continue to hold down the MEAS button to take temperature readings. The unit will take temperature readings while the MEAS button is pressed and held.

The thermometer has a 1:1 distance spot/ratio and should be held as close to the target as possible for the most accurate measurement. (See the Distance Spot/Ratio section for details.)

After the MEAS button is released, the last temperature measured will be displayed for approximately 15 seconds, the display will then turn off automatically.

## SELECTING UNITS OF MEASURE

1. Locate the hole to the °F/°C button on the back of the unit (there is a corresponding hole in the pocket clip).
2. Press and release the MEAS button to turn on the display.
3. With a pointed object (such as a paperclip), depress the °C/°F button. Each press will toggle the display between °C and °F.

## DISTANCE SPOT/RATIO

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 1:1. For example, an object's diameter of 100mm can be measured from 100mm. For an accurate measurement, the unit should be held as close to the target as possible.

## ALL OPERATIONAL DIFFICULTIES

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

#### **BATTERY REPLACEMENT**

Erratic readings, faint readings, no display, or  appearing on the display are all indications that the batteries must be replaced. Remove the pocket clip screw and lift off the back of the unit. Remove the exhausted batteries and replace them with two (2) new LR44 1.5-volt batteries. Make certain to install the new batteries in the directions indicated in the battery compartment. Snap the back of the unit back on and replace the pocket clip screw. *Be careful not to over-tighten the screw as this may cause damage to the unit.*

#### **TRACEABLE® INFRARED THERMOMETER W/POCKET CLIP INSTRUCTIONS**