

TRACEABLE® INFRARED WIDE-RANGE THERMOMETER 50:1 FIELD OF VIEW INSTRUCTIONS

SPECIFICATIONS

Range: -58.0 to 1832 °F
-50.0 to 1000 °C
Resolution: 0.1° (-9.9 to 199.9) 1° (otherwise)

OPERATION



Press and continue to hold down the trigger to take temperature readings. The unit will take temperature readings while the trigger is pressed and held (SCAN appearing on the display indicates measurements are being taken).

After the trigger is released, the last temperature measured will be displayed for approximately 7 seconds and the display will turn off automatically. HOLD will appear on the display when the trigger has been released to indicate that the unit is no longer taking temperature measurements.

SELECTING UNITS OF MEASURE



While taking measurements, press the °F button to display the temperature in °F, press the °C button to display the temperature in °C. Once the unit has turned off, the next time the trigger is pressed, unit of measure will return to the default of °C.

LASER TARGETING

While taking measurement, press the  button to activate laser targeting. Aim the laser approximately ½ inch above the desired measurement point. To turn off laser targeting, press the  button again.

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

BACKLIGHT

While taking measurements, press the  button to turn on the LCD backlight. Press the  button again to turn off the LCD backlight.

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 50:1. For example, an object's diameter of 100mm can be measured from 5000mm.

DISPLAY MESSAGES

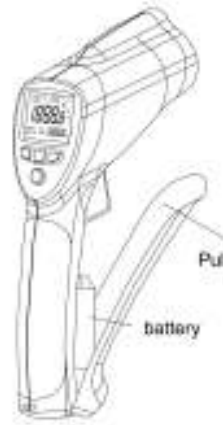
"?" will appear on the display when the temperature being measured is outside the range of the unit.

ALL OPERATIONAL DIFFICULTIES

If this thermometer 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, faint readings, no display, or a battery symbol appearing on the display are all indications that the battery must be replaced.



Locate the indentions on either side of the plastic case near the trigger. Open the battery compartment by pulling the rubber portion of the handle out and away from the trigger. *Pull hard, it requires a good amount of force to open the battery compartment.* Remove the exhausted battery and replace it with a new 9-volt alkaline battery. Close the battery cover by snapping it shut.

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

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Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.