


## **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. Open the battery compartment by sliding the battery cover in the direction indicated by the arrow and then lift the battery cover. Remove the exhausted batteries and replace them with two (2) new AAA alkaline batteries. Make certain to install the new batteries in the directions indicated in the battery compartment. Close the battery cover.

## **WARRANTY or SERVICE**

For warranty or service, contact:

### **CONTROL COMPANY**

12554 Old Galveston Rd. Suite B230  
Webster, Texas 77598 USA  
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Control Company is ISO 9001:2008 Quality-Certified  
by DNV and ISO/IEC 17025:2005 accredited as a  
Calibration Laboratory by A2LA.

# **INFRARED THERMOMETER GUN INSTRUCTIONS**

## SPECIFICATIONS

Range: -76 to 932°F / -60 to 500°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 15 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

Each press of the °C/°F button will toggle between °C and °F.

## LASER TARGETING

Laser targeting is always active when the trigger is being pressed. Each time the trigger is pressed and held, the laser beam will be emitted.

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

## MAXIMUM TEMPERATURE

While taking measurements, the unit will automatically record the maximum temperature reading that has been measured. This value will appear on the display to the right of  $\overline{M}AX$ .

## 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 11:1. For example, an object's diameter of 100mm can be measured from 1100mm.

## DISPLAY MESSAGES

"ER2" will appear on the display when the unit is exposed to rapid changes in ambient temperature.

"ER3" will appear on the display when the ambient temperature is below 32° F (0° C) or above 122° F (50° C).

"ER" will appear on the display when the unit needs to be reset. To reset the unit, remove the batteries, wait 2 minutes and then re-install the batteries.