


## BUTTON OPERATION:

 = On/Off Selection    **F/C** = Fahrenheit / Celsius Selection

## OPERATE THERMOMETER:

- 1) Insert thermocouple probe into connector on top of instrument. Match indicator marks “+” and “-” for correct polarity.
- 2) To turn instrument on press **ON/OFF** button.
- 3) To select Fahrenheit or Celsius temperature scale press **F/C** button.
- 4) To turn instrument off, press and hold **ON/OFF** button momentarily.

## BATTERY REPLACEMENT:

The instrument uses (3) alkaline AAA batteries. A low battery icon will appear in the lower right corner of the display when it is time to replace the batteries. When the batteries are fully depleted the display will show **bAtt** and the unit will shut off and not operate until new batteries are installed.

To replace batteries, remove rear battery cover by pressing in and pushing downwards. The battery orientation is printed in the battery holder. **Match the “+” and “-” markings for correct polarity**, install new alkaline batteries and replace rear battery cover securely.



**IMPORTANT FAILURE TO INSTALL BATTERIES CORRECTLY CAN CAUSE DAMAGE TO THE INSTRUMENT.**

## SPECIFICATIONS:

**Temperature Range:** -40°F to 1000°F (-40°C to 538°C)

**Accuracy:** ±1F° (±0.5C°) from -40°F to 495°F (-40°C to 257°C)  
±2F° (±1C°) remainder of range.

**Resolution:** Tenth degree from -40°F to 495°F (-40°C to 257°C)  
whole degree remainder of range.

**Ambient Temperature Limits:** 32°F to 122°F (0°C to 50°C)

**Battery Life:** 1500 hours typical with alkaline batteries

## TRACEABILITY:

We certify that this instrument has been calibrated to temperature and/or electrical standards traceable to the U.S. Department of Commerce National Institute of Standards and Technology.

## CALIBRATION:

Under normal operating conditions, the unit should not require re-calibration.

## TROUBLESHOOTING:

### Unit Does Not Turn On:

*Batteries are installed incorrectly or dead.*

Check battery orientation matches picture in battery holder.

Replace batteries.

### Error Reading LO:

*Probe is inserted incorrectly or broken.*

Insert probe matching “+” and “-” pins.

Test for broken probe: Pull the connector out half way to expose the pins. Place a metal paperclip on connector pins touching both pins, if a temperature appears on the LCD the probe is broken. Replace probe.

### Battery icon appears

*Low battery.*

Replace batteries.

### Error Reading “bAtt”

*Dead battery.*

Replace batteries.