

## **SPECIFICATIONS:**

Display: ¼" LCD

Range: -58.0 to 536.0°F (-50.0 to 280.0°C)

Accuracy: Cat. No. 4149—  $\pm 1^{\circ}\text{C}$  -20 to 100°C  
Cat. No. 4349—  $\pm 0.4^{\circ}\text{C}$  -20.0 to 100.0°C at tested points,  $\pm 1^{\circ}$  otherwise

Resolution: 0.1° above -20.0° and below 200.0°  
1.0° below -20.0° and above 200.0°

Sampling  
Rate: 1 second

Features: Protective sleeve with pocket clip, 8" stain-less steel probe, 180 degree rotating digital display, extra-wide temperature range.

## **CONTROLS/INDICATORS**

°F/°C button and ON/OFF button.

## **ULTRA™ THERMOMETER ACCURACY**

Ultra™ thermometers are tested at selected test points to be within tighter than normal tolerances to assist in providing improved accuracy. Other points will not necessarily fall within the same accuracy as those found at the selected test points, but will be within an accuracy of  $\pm 1^{\circ}$  between -20.0 and 100.0°C.

## **OPERATION**

1. Press the "ON/OFF" button to turn the thermometer on.
2. Press the "°F/°C" button to toggle between

displaying the temperature in Fahrenheit and in Celsius.

3. Remove the thermometer from the protective plastic sleeve and insert the probe into the material to be measured.
4. The head of the thermometer rotates 180 degrees in order to read the display at various angles.
5. Press the ON/OFF button to turn the unit off.

## **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, or no display are all indicators that the battery must be replaced. Remove the battery cap by turning ¼ turn counter clockwise. Replace exhausted battery with a new 1.5 volt battery. Make certain that positive (+) side is face up. Replace battery cap. Do not overtighten the cap. Replacement battery Cat. No. 1039.

## **WARRANTY, SERVICE, OR RECALIBRATION**

For warranty, service, or recalibration, contact:

### **TRACEABLE® PRODUCTS**

12554 Old Galveston Rd. Suite B230

Webster, Texas 77598 USA

Ph. 281 482-1714 • Fax 281 482-9448

E-mail [support@traceable.com](mailto:support@traceable.com) • [www.traceable.com](http://www.traceable.com)

Traceable® Products are ISO 9001:2015 Quality-

Certified by DNV and ISO/IEC 17025:2017

accredited as a Calibration Laboratory by A2LA.

Cat. No. 4149 / 4349

Traceable® and Ultra™ are registered trademarks/trademarks  
of Cole-Parmer.

©2020 Traceable® Products. 92-4149-00 Rev. 8 082324

# **TRACEABLE® ROBO™ THERMOMETER INSTRUCTIONS**