

# TRACEABLE® LONG-STEM THERMOMETER INSTRUCTIONS

| Model:          | 4052                         | 4352-Ultra™                                   | 4353                           | 4354-Ultra™                                   |
|-----------------|------------------------------|---|--------------------------------|---|
| Range:          | -58 to 302°F<br>-50 to 150°C | -58 to 302°F<br>-50 to 150°C                  | -58 to 572 °F<br>-50 to 300 °C | -58 to 572 °F<br>-50 to 300 °C                |
| Accuracy:       | ±1°C                         | ±0.2°C<br>at tested points,<br>±1°C otherwise | ±1°C                           | ±0.5°C<br>at tested points,<br>±1°C otherwise |
| Stem Length:    | 8"                           | 8"  | 11.4"                          | 11.4"   |
| Overall Length: | 11"                          | 11"   | 14.4"                          | 14.4"   |
| Stem Diameter:  | 1/8"                         | 1/8"  | 1/8"                           | 1/8"  |
| Top Diameter:   | 1.2"                         | 1.2"  | 1.2"                           | 1.2"  |

**Display:** 3/8" LCD

**Resolution:** 0.1° above -20 and below 200  
1.0° below -20 and above 200

**Sampling Rate:** 10 seconds in Fahrenheit mode  
1 second in Celsius mode

**Features:** Stainless steel probe  
protective plastic sleeve

## OPERATION

1. To turn the thermometer on slide the ON/OFF switch to the ON position.
2. To measure in Fahrenheit select the "F" position of the F/C switch or "C" to measure in Celsius.
3. Remove the protective plastic sleeve of the thermometer probe and insert the probe into the material to be measured.
4. To turn the thermometer off slide the ON/OFF switch to the OFF position.  
To conserve battery life, always turn the unit off when not in use.

## 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, located at the top of the unit by turning it in the direction of the arrow (counterclockwise). Remove the exhausted battery and replace with a new 1.5 volt battery. Replace the battery cover. Do not overtighten the cap. Replacement battery Cat. No. 1039.

## WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

## CONTROL COMPANY

12554 Old Galveston Rd. Suite B230  
Webster, Texas 77598 USA  
Ph. 281 482-1714 • Fax 281 482-9448  
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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.

**Cat. No. 4052 | 4352 | 4353 | 4354**  
**Traceable® Digital Long-Stem Thermometer Instructions**  
**92-4052-10**  
Rev. 6 061316

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