

# TRACEABLE® FULL-SCALE PLUS THERMOMETER INSTRUCTIONS

## SPECIFICATIONS:

Display:  $\frac{3}{8}$ " LCD

Range: -58 to 572°F/  
-50 to 300°C

Resolution: 0.1° for -20.0° to 200.0°  
and 1.0° elsewhere

Accuracy: **Cat. No. 4377** -  $\pm 1.0^{\circ}\text{C}$   
between -20 to 100°C  
**Cat. No. 4368** -  $\pm 0.5^{\circ}\text{C}$   
at tested points between -20 to 100°C

Sampling

Rate: 1 second

Features: Clip and protective sleeve

## CONTROLS/INDICATORS

ON/OFF, °F/°C, H/T (Hold/Test), MAX/MIN, HI ALM (High Alarm) and LO ALM (Low Alarm)

## 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  $\pm 1.0^{\circ}\text{C}$  between -20 to 100°C.

## OPERATION

1. Press "ON/OFF" button to turn on the thermometer.
2. Press "°F/°C" button to select Fahrenheit or Celsius.
3. Press the "H/T" (HOLD/TEST) button to retain reading for recording purposes. Press the "H/T" button again to resume testing.
4. Press "MAX/MIN" button ONCE. The minimum temperature tested will display. Press again and maximum temperature tested will display. The display will return to testing position automatically after three seconds.

## TEMPERATURE ALARM SETTING:

1. Press and hold the "LO ALM" or "HI ALM" button for setting alarm at desired minimum or maximum temperature limit. When near the desired alarm setting release the button and increment by one degree by pressing the button once for each degree. When the set temperature is achieved wait 3 seconds, and the temperature will be set and the display will return to current temperature. "LOW" or "HIGH" will show on the display indicating the alarm has been set.
2. Alarm will sound 4 beeps per minute when the measured temperature equals or is greater than the maximum or less than the minimum set values. To stop beeping, press any button while the unit is beeping.
3. To delete the alarm setting, press the "°F /°C" or "ON/OFF" button.

## 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, no display, or a battery icon on the display are all indicators that the battery must be replaced. Remove the battery cap by turning  $\frac{1}{4}$  turn counter clockwise. Replace exhausted battery with new 1.5 volt battery. Make certain that the positive (+) side is face up. Replace battery cap. Replacement battery Cat. No. 1039.

## Warranty, Service or Recalibration

For warranty, service or recalibration contact:

## CONTROL COMPANY

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

**Cat. No. 4377/4368**  
**Traceable® Full-Scale Plus Thermometer**  
**92-4377-00**  
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