



TRACEABLE Full Scale Thermometer Instructions

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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 $\pm 1^{\circ}\text{C}$ between -20.0 and 100.0°C .

OPERATION

Slide the ON/OFF switch to ON to turn the unit on. Slide the $^{\circ}\text{C}/^{\circ}\text{F}$ switch to $^{\circ}\text{F}$ to display the temperature in Fahrenheit or $^{\circ}\text{C}$ to display the temperature in Celsius. Insert the probe into the material to be measured. Slide the ON/OFF switch to OFF to turn the unit off. Always turn the unit off when not in use to conserve battery life.

NOTE: Both the probe and cable may be totally immersed in liquid.

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 indications that the battery must be replaced. Remove the battery cap by turning it $1/4$ turn counter clockwise. Remove the exhausted battery and replace with a new 1.5 volt silver oxide battery. Make certain that the positive (+) side is facing you. Replace the battery cap. Replacement battery Cat. No. 1039.

SPECIFICATIONS

- **Range:** -50 to 250°C (-58 to 500°F)
- **Resolution:** 0.1° above -20° and below 200° otherwise 1.0°
- **Accuracy:** Cat. No. 4152
 $\pm 1^{\circ}\text{C}$ from -20.0 to 100.0°C , Cat. No. 4252
 $\pm 0.5^{\circ}\text{C}$ at tested points, $\pm 1^{\circ}\text{C}$ otherwise (-20.0 to 100.0°C) Sampling
- **Rate:** 1 second
- **Attachments:** Clip, magnet, and stand

WARRANTY, SERVICE, OR CALIBRATION

For warranty, service, or calibration contact:

TRACEABLE® PRODUCTS
12554 Old Galveston Rd. Suite B230
Webster, Texas 77598 USA

Ph. 281 482-1714

Fax 281 482-9448

E-mail


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- www.traceable.com

Traceable® Products are ISO 9001:2018 Quality Certified by DNV and ISO/IEC 17025:2017 accredited as a Calibration Laboratory by A2LA.

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Documents / Resources

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References

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