

Thank you for purchasing a Reotemp compost thermometer. You have made a lasting investment in a quality instrument that was made in the USA. When used carefully and in accordance with instructions, it should serve you well for many years.

WARNINGS

- **The pointed stem of your thermometer is very sharp.** Please take care when handling. Always keep the sharp end pointed away from operators.
- **Avoid bending the stem.** Bending the stem renders the instrument inoperable, and non-repairable. Bending of the stem is not covered under the limited warranty.
- **Avoid severe shock to the instrument.** Dropping the thermometer or tapping it on the ground can knock it out of calibration.
- **Wipe clean and store the thermometer in a safe manner.** When not in use, wipe any compost off the stem with a damp cloth and store the thermometer with the pointed end towards the ground and away from operators.

TARGETING YOUR MEASUREMENT

For accurate compost temperature readings we recommend targeting measurement at the center of your compost pile. The temperature sensing portion of the thermometer is in the bottom two inches of the stem. For example: if the stem is immersed 36" into a compost pile, it will indicate temperature at a depth of 34" - 36".

INSERTING THE THERMOMETER WITHOUT A GUARD OR HANDLE

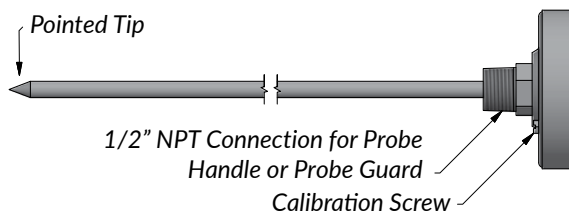
When inserting the thermometer into a semi-solid such as compost, grasp the stem about 6" from the point and push. Never grasp and push on the head of the thermometer. Grasp the stem and push the thermometer into the pile while holding the stem. Once the stem goes in 6", grasp the stem 6" farther back, and push again. Repeat until the stem is completely inserted. Once the thermometer is inserted in the pile, wait at least 45 seconds before reading the temperature. If you encounter a dense object in the pile, never try to force the thermometer through it. Remove the thermometer and try a different location.

PROBE HANDLE AND PROBE GUARD ACCESSORIES

Probe handle and probe guard accessories are offered to enhance and protect your thermometer. They securely thread onto the 1/2" NPT connection at the base of the thermometer head. Both accessories give you a handle to safely hold while inserting the thermometer into the pile and protect the dial from damage.



BIMETAL COMPOST THERMOMETER PRODUCT DIAGRAM



WHAT CAN CAUSE A BIMETAL THERMOMETER TO GO OUT OF CALIBRATION?

- Dropping the thermometer on a hard surface, or any other severe shock

- Inadvertent turning of the calibration screw on the back of the case
- Years of use may result in a slight drift of the sensor

CALIBRATION INSTRUCTIONS

Your thermometer comes pre-calibrated. If you think your thermometer is out of calibration, the following instructions can be used to calibrate.

Reference Bath: You will need a bath of water of a known temperature, typically an ice bath.

- The ice bath should be mostly ice, with just enough water to fill the spaces.
- The reference bath should be at least 4 inches deep (6 or more inches is better.)
- The bath should be agitated (stirred) just before or during calibration.

Immersion: The thermometer should be immersed at least 4 inches into the bath, as the sensitive portion of the thermometer is in the last 2-3 inches of the stem.

Calibration: Leave the thermometer in the bath for at least a minute, to make sure temperatures have stabilized. Then turn the small (1/4") hex screw head on the back of the dial case of the Thermometer until the pointer is at 32°F (0°C). You can use a flat screwdriver, or a small coin, or pliers to rotate the screw head.

Congratulations, your thermometer has been re-calibrated!

If your thermometer will not recalibrate, it may need factory repair. However, if the stem is bent, it cannot be repaired and must be replaced. Contact us at 858-225-1889 or email compost@reotemp.com to discuss repair/replacement options.

WARRANTY

We warrant bimetal dial compost thermometers against defective materials and workmanship under normal use and service for 1 year following the date of shipment. This warranty does not cover exposure to corrosive materials, temperatures in excess of those recommended, excessive vibration, or forces or abrasions that cause bending or unsealing of the case or stem. The customer is responsible for the cost of shipping product(s) back to Reotemp. Upon inspection, if the product is determined to have defective materials or workmanship under normal use, Reotemp will repair or replace the product(s) and cover the cost of shipping back to the customer. Reotemp guarantees the products will perform within the cataloged performance specifications if used within specified parameters. Determination of defect or failure will be made by Reotemp or at a certified test facility. Warranty is limited to replacement of the unit or repair of the unit at the factory. This warranty is expressly in lieu of any other warranty, expressed or implied, and of all other obligations or liability on our part for damages, including but not limited to, consequential damages arising out of use or misuse of our instruments, and we neither assume nor authorize anyone to assume for us, any other liability in connection with the sale of our instruments or sensors. Suitability of the product for the customer's application rests with the customer; Reotemp does not warranty suitability of its product(s) for the application selected by the customer. Reotemp reserves the right to make product improvements and change product specifications at any time without notification. Please contact Reotemp for verification of all critical dimensions and specifications.