

Thermometer Calibration

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Ice Point Method



Metal Stem
Thermometer

Ice Slush Calibration

- Fill a container, such as a cup or glass with a mixture crushed ice and water.

- The container must have crushed ice throughout to provide a temperature of 32°F.
- When the mixture of the water has stabilized after four or five minutes, insert the thermometer to be calibrated to the appropriate immersion depth.
- Hold the stem of the thermometer away from the bottom and sides of the container to avoid error.
- If the thermometer is not accurate within +/- 2 ° F of 32 ° F, adjust the thermometer to 32 ° F.

Boiling Point Method

- After the water in the container has reached a complete "rolling" boil, insert the instrument to the appropriate immersion depth. The boiling point is 212°F.

- Be sure there is at least a two-inch clearance between the stem or sensing element and the bottom and sides of the container.

If your thermometer is not accurate within +/- 2°F of 212 °F, adjust thermometer to 212 °F. .



The thermometer must be clean and sanitized before each use. Check the calibration periodically and after taking the temperature of very hot items or after dropping it.



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