

## Recalibration instructions for 6092N

There is a one-point calibration  $\pm 2^\circ$  accuracy at dial midpoint,  $\pm 4^\circ$  accuracy at range extremes. Temperature range is  $0^\circ$  to  $220^\circ\text{F}$  with a degree division of  $2^\circ$ . The blue plastic storage sleeve has a built-in recalibration wrench.

Thermometers should be calibrated using either the ice water or boiling point method. The ice water method is more common and should be used unless ice is unavailable.

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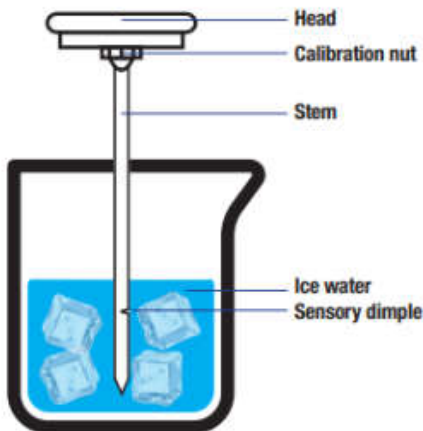
### Ice Water Method

Create a 50-50 ice and water mixture by filling a deep container with crushed ice, adding clean water to fill the container and stirring well.

Submerge thermometer stem (including the sensory dimple of a dial stem thermometer) for about 30 seconds – until indicator stops moving. Make sure that the stem does not touch the side or bottom of the container.

Check to see that the temperature is **32 F (0 C)**.

- **If the thermometer does not read 32 F (0 C) and the thermometer has a calibration nut:** Do not remove the stem from the container and turn the nut until the thermometer reads 32 F (0 C).
- **If the thermometer does not read 32 F (0 C) and the thermometer does not have a calibration nut:** Either push the reset button or replace the battery and retest, or replace the thermometer.



### Boiling Point Method

Bring a deep container of water to a full rolling boil.

Submerge thermometer stem (including the sensory dimple of a dial stem thermometer) for about 30 seconds – until indicator stops moving. Make sure that the stem does not touch the side or bottom of the container.

Check to see that the temperature is **212 F (100 C)**.

- **If the thermometer does not read 212 F (100 C) and the thermometer has a calibration nut:** Do not remove the stem from the container and turn the nut until the thermometer reads 212 F (100 C).
- **If the thermometer does not read 212 F (100 C) and the thermometer does not have a calibration nut:** Either push the reset button or replace the battery and retest, or replace the thermometer.

