



## How to Calibrate a Stem-type Thermometer (Ice point method)

1. Completely fill a Styrofoam or insulated cup with ice, preferably crushed, if you have it.
2. Add clean tap water just to the top of the ice and let sit for 4 to 5 minutes to allow the temperature to stabilize. The temperature of ice water will stabilize at 32° F.
3. Put the thermometer probe into the ice water at least up to the dimple on the side of the probe. Don't let the probe touch the bottom or sides of the cup. Hold it there for 30 seconds or until the temperature indicator stops moving. If it is accurate it will read 32° F. If it doesn't read 32° F, follow the instructions below.
4. With the probe still in the ice water, hold the calibration nut (hex nut) under the dial head with a wrench or pliers. Rotate the dial head with your fingers (if it is loose enough) or another pair of pliers until the dial reads 32° F.

HINTS: Remember that each line represents 2° and it is easier to see the exact location of the needle if you close one eye.

5. Recheck after calibration to make sure the dial stays at 32° F.

