

14. MAPLE GURU CALIBRATION

The Maple Guru is already calibrated from the factory and should not require recalibration. The following calibration procedure is included if the Maple Guru were to require it. This procedure relies on the accurate phase change temperatures of water at the freezing (32 degrees F) and the boiling (212 degrees F) points. Be sure to calibrate both the Zero [2ro] and the [SPn]. Calibrating with the Auxiliary probe will calibrate the entire unit (both probes).

Materials needed:

Ice (crushed is best) water

Styrofoam cup

DigiQ control

DigiQ food probe

DigiQ power supply

Plug the Auxiliary probe and power supply connector into the Maple Guru but do not apply power.

14.1. CALIBRATING THE ZERO (low end temperature)

Press and hold UP + DOWN keys together and apply electrical power. After approximately one second, the unit will chirp. Let go of the keys. The display will flash between **[2ro]** and the temperature of the Auxiliary probe.

Let the Maple Guru warm up for about 15-20 minutes before proceeding.

Fill the Styrofoam cup with ice/water slurry using 75% ice and 25% water. Place the Auxiliary probe into the bottom of the cup and stir it using the probe. Adjust the value shown on the display to show 33 degrees F using the UP or DOWN key.

NOTE: The display will only update every 3 seconds, so if the value needs to be raised by 2, press the UP key twice which will make 2 beeps.

14.2. CALIBRATING THE SPAN (high end temperature)

Press and hold the UP + DOWN keys until a beep sounds. The screen will flash between **[SPn]** and the temperature of the auxiliary probe.

Create a source (pan) of boiling water. Be sure to know the exact temperature water will boil at your location. Place the auxiliary probe into the bottom of the pan and stir it around gently. Adjust the value shown on the display to show 211 degrees F (or your boiling temperature) using the UP or DOWN key.

14.3 SAVING THE CALIBRATION VALUES

To save the calibration, press and hold PAN+ AUX. This will power the unit down and save the calibration to memory.

15. CONTACT THE MAPLE GURU

THE MAPLE GURU

66 Moose Mountain Rd

Brookfield, New Hampshire

www.mapleguru.com

customerservice@mapleguru.com

603-918-6962

603-832-3090