Methods of Calibrating a Thermometer by James Blee

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Did you purchase a new thermometer recently? Then let me tell you that before you start using the same, it needs to be calibrated as well as sanitized. Moreover, thermometer calibration is also required if you drop it from your hand accidentally, or when you are traveling to places having extreme temperatures. Thermometers are very crucial for measuring temperature in order to ensure the quality as well as safety of various food items. To know more about thermometer calibration, just read on.

As far as thermometer calibration is concerned, it can be calibrated using any of the following two methods.

â€¢ Boiling Point Method: Take a container and fill it with distilled water. Thereafter, heat this water and when the temperature of this water reaches the boiling point, dip the thermometer inside the container. Ensure that you keep the thermometerâ€™s sensing element at least two inches away from the bottom as well as the sides of the container in order to make it error-free..

â€¢ Ice Point Method: Another method of thermometer calibration is the ice point method. Take a container and fill it with crushed ice as well as water. The temperature in the container should be 32 degree Fahrenheit. Thereafter, allow the mixture of water and ice to stabilize. Then, dip the thermometer inside the container properly. Try to keep the thermometer away from the bottom as well as the sides of the container in order to avoid any type of error..

Now let us talk about how to sanitize the thermometer. Not only before using it for the first time, you should sanitize the thermometer even when you are using the same. This can be done by washing it in lukewarm soap water. Thereafter, you need to make it completely dry by using a soft cloth.

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