Field calibration for thermometers
TPI 306C and 306XC FIELD CALIBRATION

Test the TPI advantage

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Step-by-Step Procedures

1. Fill a plastic or metal container with crushed ice and add clean water to a depth of at least 4 inches. Stir the ice and water for 2 to 3 minutes prior to performing calibration to ensure the water is completely chilled. Make certain there is plenty of ice in the mixture and always use clean water. Distilled water works well. The temperature of an ice bath is approximately 32°F (0°C).

2. Insert the stainless steel shaft of the 306C or 306XC into the ice bath making sure at least one inch of the tip is immersed. Allow the reading on the thermometer to stabilize.
   Note: The temperature reading must be within 23°F to 41°F (-5°C to 5°C for 306XC) for calibration to have effect.

3. Press and hold the **ON/DH** button for approximately 8 seconds until "CAL" is displayed. "CAL" will display for approximately 2 seconds and then the 306C or 306XC will return to normal operation. Calibration is complete.

Note: If the temperature reading was not within 23°F to 41°F (-5°C to 5°C for 306XC) when step 3 was performed no change in calibration occurred. The 306C and 306XC were designed with this feature to prevent improper calibration.