



## TPI 312C FIELD CALIBRATION

### 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 312C into the ice bath making sure at least one inch of the tip is immersed. Allow the reading on the thermometer to stabilize.
3. Press and hold the **D-H** button for approximately 8 seconds until “CAL” is displayed. “CAL” will display for approximately 2 seconds and then the 312C 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) when step 3 was performed no change in calibration occurred. The 312C was designed with this feature to prevent improper calibration.**