

## **306C / 306CX**

### **Pocket Digital Thermometer**

To use the 306 remove the protective sheath, press the ON/DH (Data Hold) button and insert at least 1/2" of the stem into the testing area. Push the ON/DH button a second time and the temperature reading will automatically be held on the LCD display. "°F" (°C) will blink when DH is in operation. Pressing the ON/DH button a third time will return the 306 to normal operation. To save battery life, the 306 will automatically turn off after approximately 35 minutes.

Note: When turning the 306 on, the LCD will display the last reading before turning off for 2 seconds. Then it will display the current temperature.

#### **Specifications:**

Temperature Range	306C: -40° to 300 °F C 306CX: -40° to 150 °C
Resolution	0.1
Accuracy	1% full scale
Sampling Time	1.0 seconds
Battery	(SR44) A044

### **TPI 306C and 306CX FIELD CALIBRATION**

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).

Insert the stainless steel shaft of the 306C or 306CX 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 306CX) for calibration to have effect.***

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 306CX 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 306CX) when step 3 was performed no change in calibration occurred. The 306C and 306CX were designed with this feature to prevent improper calibration.



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