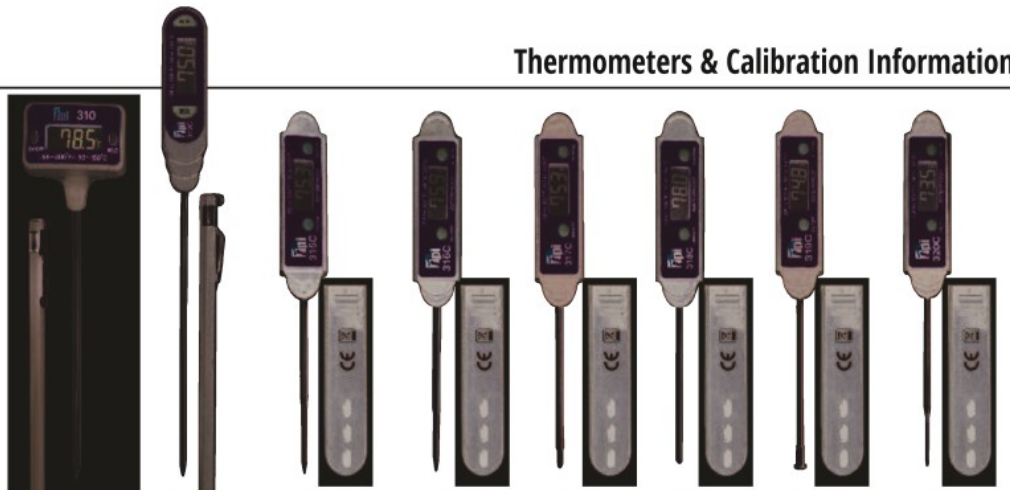


Field Calibrate

All TPI Pocket Digital Thermometers can be calibrated using ice water. See instructions below.



	306C	306CX	310C	312C	315C	316C	317C	318C	319C	320C
Tip	Penetration	Penetration	Penetration	Long Stem Penetration	Penetration	Penetration	Air	Chisel Tip	Contact	Extra Thin Penetration
Range	-40 to 300 F	-40 to 150 C	-58 to 300 F	-58 to 300 F	-58 to 300 F	-58 to 300 F	-58 to 300 F	-58 to 300 F	-58 to 300 F	-58 to 300 F
C/F Switchable			Y	Y	Y	Y	Y	Y	Y	Y
Auto Field Calibration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Data Hold	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Water Resistant	Y (with rubber boot)	Y (with rubber boot)		Y	Y	Y	Y	Y	Y	Y
Water Proof				Y	Y	Y		Y	Y	Y
Magnets on back					Y	Y		Y	Y	Y
Tapered Stem for Pete's Plug					Y	Y		Y		
Reversible LCD			Y							
Rubber Boot	Y	Y								
Auto Off	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Probe Tips			
Penetration	Air	Contact	Chisel
Use for immersion and air; air response time will be slower than if using an actual air probe.	Samples air temperatures three times faster than penetration or contact tips.	Can't measure surface temperature fast or repeatably with penetration probe.	Need chisel tip for surface temperatures. Penetration and/or air tips will not give an accurate surface reading.



Auto field calibrate in ice water to achieve +/- 2°F accuracy.

Easy to follow procedure for 306C, 310C, 312C, 315C, 316C, 317C, 318C, 319C & 320C:

1. Fill plastic or metal container with crushed ice and clean water to a depth of at least 4 inches. Stir ice and water for 2 to 3 minutes before calibration to completely chill water. Have plenty of ice in the mixture and always use clean water. Ice bath temperature is approximately 32°F (0°C).
2. Insert the stainless steel shaft of the C series thermometer into the ice bath with at least one inch of the tip immersed. Allow reading to stabilize.
3. Press and hold the D-H/CAL button for approximately 8 seconds until "CAL" is displayed. "CAL" will display for approximately 2 seconds. The thermometer will return to normal operation. Calibration is complete.