



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Field calibration for thermometers TPI 317c FIELD CALIBRATION

Test the TPI advantage



Accessories

Adapters
Cables/Connectors
Oscilloscope Probes
Test Leads

Clamp-on meters (Current)

Combustion Efficiency Analyzers

Gas Detection
Carbon Monoxide (CO)
Combustibles
Refrigeration

Indoor Air Quality (IAQ)

Manometers (Pressure)

Multimeters (DMMs)

Oscilloscopes (Hand held)

Specialty Testers
Insulation
Multifunction
Photo-tachometer

Temperature

Contact
Non-Contact (IR)
Pocket Digital

Temperature Probes

J-Type
K-Type
T-Type
Thermistor

Test Leads & Accessories

Fused
Modular
Push-on
Screw-on

TPI

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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 317c 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 calibration to have effect.
3. Press and hold the **D-H/CAL** button for approximately 8 seconds until "CAL" is displayed. "CAL" will display for approximately 2 seconds and then the 317c 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 317c was designed with this feature to prevent improper calibration.

