



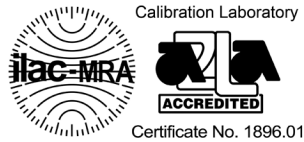
Temperature System Calibration

PTC Metrology™ is Accredited by A2LA
to ISO/IEC 17025 and ANSI/NCSL Z540-1



Made In U.S.A.

• NIST Traceable A2LA (ISO 17025) Accredited Certifications for Temperature Systems



PTC Metrology™ offers calibration services for temperature measurement instruments; digital thermometers; readouts with probes; and thermistors, thermocouples, or RTD's. Using primarily Hart Scientific baths, comparators and calibrators our different techniques minimize uncertainties while maximizing efficiency to keep the costs as low as possible without compromising quality. PTC Metrology™ is the laboratory of choice for many of our customers because they know that they can depend on us for correct, complete, and on-time calibrations at reasonable prices.

PTC® uses different temperature sources over a wide range to provide the highest quality and reliability on all of its calibration certificates. The temperature sources for calibration are listed in the table below.

This cert will contain the before and after calibration results of the UUT at the point(s) selected by the customer. The points may be selected from the chart below. Information on the customer's UUT and PTC®'s calibration standards will also be on the certification. Cost of the certification will depend on which points the customer chooses.

In addition to the readings, certifications will include a statement of uncertainty, laboratory conditions, and information on the primary standards.

Temperature Source	Hart 9150	Liquid Baths	Hart Furnace 9112	Hart 3125 Surface Calibrator	TPW
Temperature °C	100°C to 1200°C	-75°C to +300°C	250°C to 1100°C	20°C to 400°C	0.01°C
Temperature °F	212°F to 2192°F	-103°F to +572°F	482°F to 2012°F	68°F to 750°F	32.02°F
Probe Length	6" minimum	no minimum	8" minimum	surface probe	8"
k=2 uncertainty	±700mK	±10mK Typical	±1000mK	20°C to 190°C ±500mK 191°C to 400°C ±1000mK	±0.0002mK

- **NIST Traceable Calibration**
- **A2LA Accredited (cert no.1896.01)**
- **Conforming to ISO/IEC 17025 & ANSI/NCSL Z540**
- **Fast Precise Service**
- **Individual Probe Calibration including Thermistors, Thermocouples and RTD's**
- **System Calibration Probe Connected to Instrument**
- **Selecting Temperature Points**
- **Calibration Recall Program**
- **Thermocouple Technical Reference Data**

Other Calibration Services

NIST traceable certifications by our A2LA accredited laboratory are available for LIG, ASTM, Digital, Air Immersion, and Bimetal Surface & Stem thermometers; as well as for PRT's and Thermocouples & Probes; Pressure Gauges; Hygrometers; and Durometers.

Visit our website at www.ptc1.com for more information and to view our A2LA Certificate and Scope of Accreditation.

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