



# Temperature Measuring Devices with Readout or Sensor Only Certification



Made In U.S.A.

PTC Metrology® Temperature Laboratory  
ISO/IEC 17025 & ANSI/NCSL Z540-1 Compliant

## • NIST Traceable - A2LA Accredited Certifications for Digital or Analog Stem Thermometers, PRT's, RTD's, Thermocouples, Probes, Thermistors, Semi-Submersible Units, etc.



Certificate No. 1896.01

PTC Metrology® meets the requirements of ISO 17025 and ANSI/NCSL Z540-01 for NIST traceable certifications.

Certifications will include: as received and as returned data; a statement of uncertainty; laboratory conditions; and information on the primary standards.

To assist you in choosing test points, please refer to ASTM E-77 and NIST recommendations.

### • Customer's Choice of Points (NIST/A2LA Certification)

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. **Minimum fee is \$80.00.**

To assist you in choosing test points, please refer to ASTM E-77 and NIST recommendations.

Temperature Range °C	Price
Liquid Nitrogen approx. -196°C	<b>\$100.00</b>
-75°C to < -37°C	<b>\$92.00</b>
-37°C to < 0°C	<b>\$68.00</b>
Triple Point of water +0.01°C	<b>\$165.00</b>
0°C to 100°C	<b>\$44.00</b>
>100°C to 200°C	<b>\$55.00</b>
>200°C to 300°C	<b>\$67.00</b>
>300°C to 370°C	<b>\$79.00</b>
>370°C to 400°C	<b>\$85.00</b>
>400°C to 500°C	<b>\$95.00</b>
>500°C to 1000°C	<b>\$125.00</b>

### • 3 Points PTC®'s Choosing (NIST/A2LA Certification)

This cert will satisfy most Quality requirements by providing NIST traceable as received and as returned calibration results of the UUT (Unit Under Test). The calibration points will be of PTC®'s choice and will include three points across the UUT's scale.

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

**Price: \$115.00** per instrument within the range of 0°C to 300°C -- for other temps, see table to left.

### Other Calibration Services

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

Visit our website at [www.ptcmetrology.com](http://www.ptcmetrology.com) for more information and to view our A2LA Certificate and Scope of Accreditation

## • Basic Certification Traceable to NIST (non A2LA) - Without Logged Points

This certification is best for customers needing only calibration traceability to NIST without the added cost of logging the calibration results.

Although no specific points will be logged, UUT's referred to will be calibrated at three or more points over the UUT's range. This certification will not list any adjustments made to the UUT or out of tolerance conditions.

**Price: \$70.00** per instrument within the range of 0°C to 300°C -- for other temps, see table above. Certification price does not include labor, adjustments, repairs, or replacement parts.

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