



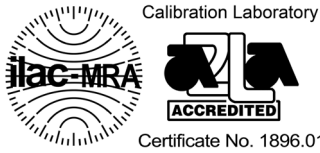
LIG Thermometer Certification

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



Made In U.S.A.

• NIST Traceable - A2LA Accredited (ISO 17025) Certifications for LIG Thermometers



PTC Metrology® meets the requirements of ISO/IEC Guide 17025, ANSI/NCSL Z540-01, and ISO 9001 or 9002 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.

Minimum charge per instrument tested is **\$80.00**.

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

Temperature Range °C	Temperature Range °F	Price
Liquid Nitrogen approx. -196°C	Liquid Nitrogen approx. -320	\$100.00
-75°C to < -37°C	-103°F to < -35°F	\$92.00
-37°C to < 0°C	-35°F to < 32°F	\$68.00
Triple Point of water +0.01°C	--	\$165.00
0°C to 100°C	32°F to 212°F	\$44.00
>100°C to 200°C	>212°F to 392°F	\$55.00
>200°C to 300°C	>392°F to 572°F	\$67.00
>300°C to 370°C	>572°F to 700°F	\$94.00
>370°C to 405°C	>700°F to 761°F	\$119.00

Calibration Procedures

NIST traceable primary reference standards are used in accordance with PTC Metrology®'s ISO/IEC 17025 compliant procedures which meet the requirements of ISO 9000 Series quality standards. The Unit Under Test (UUT) is inspected under polarized light utilizing a Polariscopes for stress; the capillary is inspected under magnification to check for contaminants and discernible irregularities; and the UUT is held at 23°C for 72 hours. The UUT is compared with standard thermometers held by PTC Metrology®. All measurements are traceable to NIST. Temperature scale used is the ITS-90. PTC Metrology® is an A2LA accredited laboratory for temperature calibration.

Packaging

PTC Metrology® can provide you with packaging material to send in your liquid in glass thermometer for calibration and certification.

Notification of next due calibration

PTC Metrology® will notify you by email when your instrument is due for recalibration, in accordance with the period of validity your quality system specifies.

Other Calibration Services

NIST traceable certifications by our A2LA accredited laboratory are available for ASTM, Digital, Air Immersion, 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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