

ON-SITE CALIBRATION

Schedule an appointment with LTI's field technicians for the most convenient solution to your calibration needs. When we perform the work at your facility, equipment can stay in service until the last minute and you avoid shipping risks and inconvenience, especially with large and fragile items.

Our wide array of calibration services is A2LA accredited, NIST traceable and in compliance with MIL-STD-45662A, ISO-10012-1, ANSI/NCSL Z-540-1 and ISO/IEC 17025. When needed, we can provide adjustments and repairs. You'll receive a Calibration Certificate with each order showing all results and services performed..

Calibration Services at Your Convenience

LTI technicians are equipped to perform a wide range of calibrations at your facility including:

- Surface Plates
- Rockwell Hardness Testers
- Microscopes
- Optical Comparators
- Coordinate Measuring Machines (CMM)
- Compression Testing Machines
- Balances/Scales
- Temperature Controllers/Digital Readouts
- Oven/Furnace Uniformity Surveys
- System Accuracy Tests
- Measuring Hand Tools/Instruments
- Force Gages

TEMPERATURE CALIBRATION

Assuring the Temperature is Right

Equipment that operates at the correct temperature is important for reliable and quality results. LTI can help make sure you are getting optimal performance from your equipment when we provide uniformity surveys, system accuracy tests and controller calibrations. We perform all of these services according to AMS2750E pyrometry procedures and meet Nadcap requirements.

Oven and furnace uniformity surveys are essential for precise and consistent production and efficient use of energy. During a uniformity survey, LTI field technicians



Conducting an oven survey to meet Nadcap requirements for AMS2750E



Calibrating temperature controllers on a stress rupture machine

check temperatures in various locations of the equipment to assess deviations in output. Adjustments and repairs can be made to maintain a constant temperature throughout for optimal performance.

Schedule your on-site calibration service at fieldcal@labtesting.com or 215-997-9103.

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SURFACE PLATES



Computerized calibration using leveling feet

Maintaining Surface Plates for Peak Performance

Surface plates wear over time and must be maintained for precision accuracy. During calibration, LTI completely measures surface flatness and repeatability. The plate is then resurfaced to bring measurements within grade guidelines. Before we leave your facility, we will clean and lightly polish the plate. You will receive detailed diagrams and measurements explaining wear and deviation from the standard.

HARDNESS TESTERS



Calibrating a hardness tester

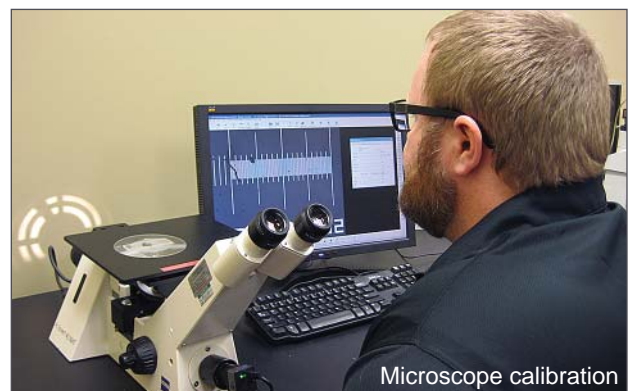
Keeping Your Equipment in Top Working Order

Calibration will verify that the accuracy of your hardness tester is within the manufacturer's stated tolerances for the grade or model. LTI will determine the accuracy of the instrument, make necessary adjustments to bring it back within tolerances and certify it back to NIST. LTI is equipped to calibrate all models of hardness and micro-hardness testers, per the applicable ASTM Standard and can supply indenters, blocks and new hardness testers.

MICROSCOPE & OPTIC CALIBRATION

Calibrating Equipment for Precision Measurement

Quality workmanship can only be assured when equipment used during the inspection of parts and materials measures precisely. With periodic preventive maintenance and calibration, you can have confidence in the accuracy of your optical comparators and microscopes. Our technicians provide a thorough cleaning of the machine's parts and calibration of performance characteristics.



Microscope calibration

Contact us for more information about on-site services, accreditation or pricing.



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