Enjoy the convenience of working with just one laboratory for all your metrology requirements. LTI Metrology, a division of Laboratory Testing Inc., provides a full array of calibration and dimensional inspection services you need with accurate results, competitive pricing and reasonable turn-around. The majority of these services are A2LA accredited and all results are detailed in Certified Reports.

**DIMENSIONAL INSPECTION**

First-article & Third-party CMM Inspections

Laboratory Testing Inc. is equipped with a coordinate measuring machine (CMM) and a Smartscope for reliable first-article and third-party dimensional inspection and measurement. The CMM capacity is 18”x20”x16”. The Smartscope has a capacity of 20”x18”x8” and is programmable for repeat measurement, ensuring accurate and efficient inspection of large-quantity orders.

Send us your orders for inspection of surface features, special product features or internal and external fastener threads. Our dimensional inspection is performed according to NAS, MS and ANSI specifications.

**INSTRUMENT CALIBRATION**

Accredited, NIST-traceable Calibration

LTI’s full-service calibration laboratory provides dimensional, pressure, force, torque, mass, electrical, temperature and vacuum calibration services. Masters, gages, measuring hand tools and many other instruments are precisely calibrated.


Calibration is performed in our environment-controlled laboratory to stabilize instruments after shipping for ensured accuracy. Our equipment has an extensive range of capabilities not available at many other companies:

- Torque Calibration from 0 to 2,000 ft. lbs.
- Pressure Calibration to 40,000 PSI.
- Length Standards up to 120 in.
- Gage Blocks up to 20 in.
- Surface Plates up to 14 ft. diagonal
Oven Survey

ON-SITE CALIBRATION

Calibration Services at Your Facility

On-site calibration conveniently minimizes the time instruments must be out of service and eliminates the need to ship equipment that is large or fragile. The field technicians at LTI Metrology will come to your facility to calibrate many items, including:

- Surface Plates
- Optical Comparators
- Ovens/Furnaces
- Temperature Controllers
- Rockwell Hardness Testers
- Compression Testing Machines
- Controllers
- Microscopes
- Hand Tools
- Force Gages
- Balances/Scales

Oven and Furnace Uniformity Surveys, System Accuracy Tests, and Controller calibrations meet Nadcap requirements.

REPAIRS, NEW INSTRUMENTS & PARTS

One Lab for Calibration, Repairs & New Instruments

LTI technicians can make adjustments and repairs to many types of measuring instruments in our lab or the field. If the requirements are beyond our capabilities, we can arrange for service with a specialized vendor.

If you need new measuring instruments, replacement parts, items missing from sets, or replacements for out-of-tolerance instruments, LTI Metrology can quote and purchase your items. We are a distributor for many manufacturers and sell items at their list prices:

- Boston Centerless
- Swanson Tool Manufacturing
- Glastonbury Southern Gage
- Mitutoyo
- Starrett
- Vermont Gage

Shipping & Delivery Address: LTI Metrology, 2321 Topaz Drive, Hatfield, PA 19440
Schedule On-site Calibration Service: fieldcal@labtesting.com or 215-997-9103

Visit our website or contact our Sales Team for more information and pricing.

800-219-9095
Fax: 800-219-9096
E-mail: sales@labtesting.com
Mail: 2331 Topaz Drive, Hatfield, PA 19440