

# Precision Instrument Sales

ATS proudly distributes the highest quality metrology equipment available for most in house measuring, gaging, and inspection applications.

## Some of the manufacturers represented include:

**Ametek** - Dead Weight Testers  
**Ashcroft, Dwyer, Wika, Omega, Heise, PSI-Tronics** - Pressure Gages  
**Brown & Sharpe** - Precision Measuring Instruments  
**CDI/Snap-On/Tohnichi** - Torque Testing Equipment  
**Chatillon** - Force Gages  
**Dorsey Gage** - Dial Indicators, Bore gages, & Large Diameter Gages  
**Dyer Gage** - Bore Gages, Chamfer Gages, Thickness Gages  
**Fred V. Fowler Co., Inc** - Precision Measuring Instruments  
**Glastonbury/Southern Gages** - Plug, Ring, and Thread Gages  
**Hexagon Metrology** - CMM's, Laser Scanners, Romer Arms  
**Mahr-Federal, Inc.** - Snap Gages, Indicators  
**Meyer Gage Company** - Pin, Plug, and Ring Gages  
**Micro Enterprises** - Microscopes, Vision Systems  
**MicroRidge Systems** - SPC Processing Equipment  
**Mitutoyo** - Precision Measuring Instruments

**Mountz** - Torque Equipment, Analyzers, Assembly Tools  
**Ohaus** - Scales & Balancers, Precision Test Weights  
**Precision Gage & Tool Company** - Air & Specialty Gages  
**RF Systems** - Bore scopes  
**Rayco** - CMM Fixturing  
**Renishaw, Inc.** - CMM probes & Styli  
**Rice Lake Weighing Systems** - Weights, Scales & Balances  
**Rite-Weight, Inc.** - Weights, Scales, & Balances  
**SPI** - Precision Measuring Instruments  
**S-T Industries, Inc.** - Optical Comparators, Vision Systems  
**Starrett** - Precision Measuring Instruments  
**Sun-Tec Corp** - Hardness Testing Equipment  
**Tru-Stone Corp** - Granite Surface Plates & Accessories  
**Vision Engineering** - Optical Viewing System  
**Vermont Gage** - Plug, Ring, and Thread Gages



# Metrology Services

## Calibrations

Our highly experienced staff and modern, fully equipped facilities offer fast, economical calibrations for all your mechanical, electrical, dimensional, and high-precision standard needs. Whether at our lab or on-site at your facility, ATS is committed to serving all your calibration needs.

## Dimensional Inspection

At ATS, world class technology and automated ultra-high accuracy Coordinate Measuring Machines (CMM's) are coupled with highly experienced CMM programmers to provide the most complete Dimensional Inspection services available anywhere.

## Precision Instrument Sales

As a local representative of many leading metrology manufacturers, our friendly, knowledgeable sales staff can provide product information, specifications, availability, and pricing. Contact us today to see how we can serve you.

# Quality System Standards

Testing and inspection services provided by ATS within our Quality System meet the requirements of the following standards.

- ISO/IEC 17025 Competence of Testing and Calibration Laboratories
- ISO 9001 Quality Management Systems
- 10CFR50 Appendix B Nuclear Quality Assurance Requirements
- 10CFR21 Requirement for the Reporting of Nonconformance
- ANSI/ASME NQA- 1 Nuclear Quality Assurance Requirements
- ANSI/NCSL Z540-1 Calibration System Requirements



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Marietta, GA 30062

**Avionics Test Equipment Calibration**  
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Bartlett, TN 38133

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[www.atslab.com](http://www.atslab.com)



ATS, founded in 1967 and headquartered in Marietta, GA is one of North America's leading consulting engineering firms providing extensive ultra-high precision measurement and analysis capabilities delivering a combination of experience, professionalism and decisive responsiveness for our clients.

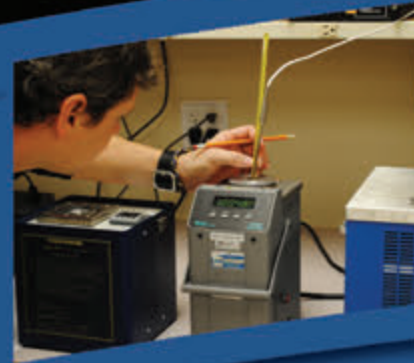
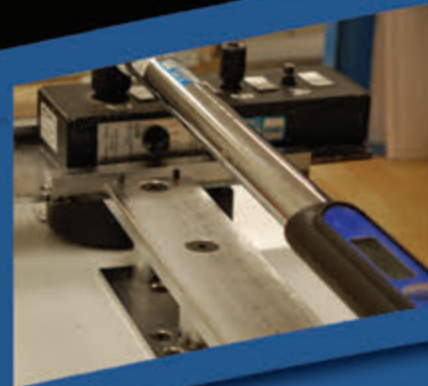
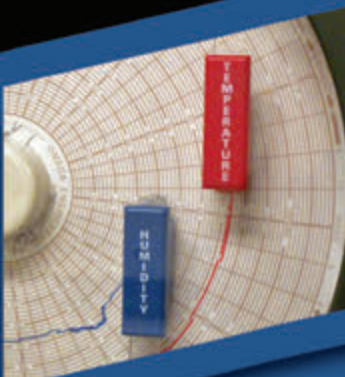
\*All accreditations are granted to certain disciplines operating within ATS. Each certification/affiliation or accreditation has a special defined scope. Please visit [www.atslab.com](http://www.atslab.com) or contact the ATS Quality Assurance Department at 1-888-287-5227 for further details.

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# Calibrations and Dimensional Inspections



## Precision Measuring, Gaging, and Inspection

ATS provides specialized testing and customized services for clients who need precise information. Using the finest field and laboratory equipment, our calibrations are performed in accordance with a Quality Assurance Program that satisfies nuclear, military, aerospace and commercial requirements. The goal at ATS is to provide professional enhancement of technical details so that the whole picture is revealed - and to keep your operations running smoothly.

ATS is committed to ensuring:

- Strict compliance with specifications
- Timely turnarounds and response times
- Clear and accurate data

## Online Records Portal

Our iPortal system provides instant online access to all your calibration records, as well as the status of equipment currently in our laboratory. This streamlined information tool also provides automatic computerized recall for the recommended calibration intervals of your equipment, maximizing the efficiency of equipment maintenance and tracking.



## Calibration, Testing, & Repair

Recognized for setting a standard of excellence in full service calibration, inspection, and repair of precision measuring and testing equipment, ATS has one of the most comprehensive testing facilities in North America. Extensive experience combined with state-of-the-art technology lets us deliver unparalleled accuracy – a true one-source metrology solution for any quality-critical environment.

Our cutting edge, environmentally controlled laboratories are monitored for fluctuations of temperature and humidity to assure constant accuracy and repeatability in all measurements.

All calibrations include As Found and As Left Data; are performed in accordance to documented and controlled procedures, and are traceable to NIST, The National Institute of Standards and Technology.



## Quick Turnaround Times

ATS provides 5-7 day standard turnaround on calibration orders and 10-14 day turnaround on most repair orders. Expedited service is available upon request for an additional fee.

## On-site Calibrations

ATS can also perform calibrations at your facility. This allows calibration of in-process equipment for reduced down-time and accommodates items such as Compression and Tensile Test Machines, Hardness Testers, Surface Plates, Optical Comparators and Environmental Chambers that are too large to be sent to a lab. On-site calibration is performed by a team of highly skilled professionals credentialed in diverse technical disciplines. Many of our field technicians also bring specialized expertise from their military backgrounds.



## When Quality is Non-Negotiable!

## Dimensional Inspection

### Precision Measurement

From simple linear measurements to the most complex, quality –critical assessments imaginable, ATS is committed to providing the accurate determinations that are critical to ensure the functionality and reliability of your equipment.

The Dimensional Inspection Lab is equipped with two CMM's (7-10-7 and a 12-30-10), a Micro-Vu Video Machine, and Baty Optical Comparator among other high precision metrology equipment. All Dimensional Inspections are performed in accordance with ASME Y14.5M -1994.

- CAD Model Inspections
- 100% Dimensional Layouts
- First Article Inspections
- Surface Roughness Standards
- PPAP Reports
- Process Capability Studies/ CpK Studies
- Inspection Gage and Fixture Calibration
- Dimensional Inspection Assistance
- CMM Programming Assistance(PC-DMIS)

### Speed of Delivery

ATS has engineered a synergistic model of environment, equipment, and technique to deliver unquestionable results, but also understand that schedules matter too. All of our protocols are designed to provide not only unsurpassed accuracy, but efficient and timely processing as well. This allows us to provide superior results at competitive prices.

Applied Technical Services  
[www.atslab.com](http://www.atslab.com)  
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