

# Calibrations Overview

## We Take A Closer Look

- Precision Measuring, Gaging & Inspection
- Calibration, Testing, & Repair
- Dimensional Inspection, CMM & CT
- On-site Calibrations
- On-site Dimensional Inspection & CMM Programming
- Embeded Technician Projects
- Online Records Portal
- Quick Turnaround Times
- 17025 Accredited

### 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 for additional information to see how we can serve you.

## Precision Measuring, Gaging, and Inspection

ATS provides specialized testing and customized services for clients who need precise information. Using the most precise 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:

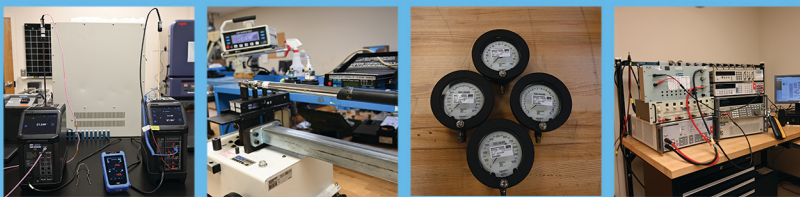
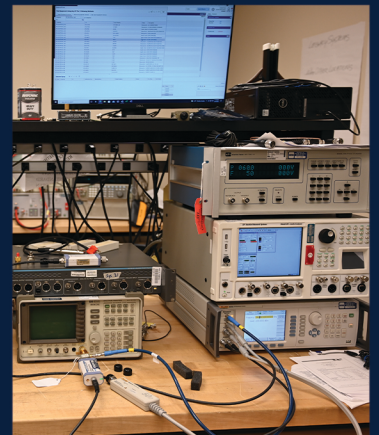
- Strict compliance with specifications
- Timely turnarounds and response times
- Clear and accurate data

### 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.



## 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 three CMM's (7-10-7, 9-15-8, and a 15-30-10), two Micro-Vu Video Machines, Zeiss CT Machine, and a FARO Quantum S MAX Laser Line arm with probe and scanner, among other high precision metrology equipment. All Dimensional Inspections are performed in accordance with ASME Y14.5M -2018.

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

## Quick Turnaround Times

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

## On-site Calibrations

ATS also performs 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.

## Quality System Standards

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