



# Faro Arm CMM

## We Take A Closer Look

- Precision Measuring, Gaging, and Inspection
- Calibration, Testing, & Repair
- Dimensional Inspection
- On-site Calibrations
- Online Records Portal
- Quick Turnaround Times

### 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.

### FARO Arm Laser-Line CMM Sales

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



**Applied Technical Services**

1049 Triad Court  
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Tel: +1 (888) 287-5227



### FARO CMM and Software Training

ATS is renowned as one of the premiere 3rd party dimensional inspection specialists. Our professionals can come train your personnel on your new FARO Laser-Line CMM!

- Learn further scanning tactics and tricks for the toughest parts
- Become confident with multiple-method based verification of measurement results
- Explore the vast possibilities with Innovmetric's Polyworks software and compile all your dimensional needs from your measurements
- Acquire knowledge on Geometric Dimensioning and Tolerancing and Cartesian requests for your specific scenario
- Remote-in help for post training questions to be followed up on

### Calibration, Testing, & Training

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.

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

FARO has shown themselves as the premiere metrology avenue for portable laser-line and probe enabled CMM's. Their customer service is impeccable and have gone above and beyond anything we needed when we purchased their latest FARO Quantum S Max 3.0m arm. Applied Technical Services recommends them to anyone in need of this kind of CMM.

All Dimensional Inspections are performed in accordance with ASME Y14.5M -2009, unless otherwise specified.

- 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)

### Reverse Engineering

ATS offers reverse engineering projects. Using our FARO arm or CT machine, we are able to gather millions of points, allowing us to create a Point Cloud Mesh which we then use to create a 3D CAD Model.

### 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.

### 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