



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ACTCO METROLOGY SERVICES
 202 Westview Drive
 Meadville, PA 16335
 Ryan Weingard Phone: 800 382 0393

CALIBRATION

Valid To: February 28, 2018

Certificate Number: 1347.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Dimensional

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
Gage Blocks	Up to 4 in	(6 + 4.8L) µin	Standard gage blocks and P&W Labmaster™ laser interferometer system
Pin and Plug Gages	Up to 6 in	(6 + 4.8L) µin	Standard gage blocks and P&W Labmaster™ laser interferometer system
Ring Gages	Up to 4 in	(12 + 5.3L) µin	Standard ring gages and P&W Labmaster™ laser interferometer system

II. Dimensional Testing/Calibration

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
3-Dimensional Length ⁴	Up to 39 in	(280 + 26L) µin	Touch CMM
	Up to 24 in	(360 + 14L) µin	Optical CMM

¹ This laboratory offers commercial dimensional testing/calibration service.

- ² Calibration and Measurement Capability uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.
- ³ In the statement of CMC, L is the numerical value of the nominal length in inches.
- ⁴ This laboratory meets R205 – *Specific Requirements: Calibration Laboratory Accreditation Program* for the types of dimensional tests listed above and is considered equivalent to that of a calibration.



Accredited Laboratory

A2LA has accredited

ACTCO METROLOGY SERVICES

Meadville, PA

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Presented this 4th day of April 2016.



A handwritten signature in blue ink, reading "Jim C. Bunt".

Senior Director of Quality and Communications
For the Accreditation Council
Certificate Number 1347.01
Valid to February 28, 2018

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.