SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GAGEMAKER, LP.
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CALIBRATION

Valid To: November 30, 2025 Certificate Number: 4326.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1, 6]:

I. Dimensional

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Indicators, Diameter, Width, Thread Height, and Lead Gages[5]	Up to 1 in	64 µin	Gage blocks, MIC TRAC, CG-1000
Depth Gages	Up to 8 in (8 to 18) in	(66 + 0.6*R*) µin (67 + 36*L*) µin	MIC TRAC
Rod Standards	Up to 20 in	(43 + 7.8*L*) µin	Height gage
Frame Standards	Up to 12 in (12 to 36) in	(63 + 4.4*L*) µin (53 + 5.2*L*) µin	CMM, MIC TRAC
Thread Rolls – Pitch Diameter	Up to 1 in	82 µin	MIC TRAC, gage wires
MIC TRAC (Bench Top Micrometer)	Up to 12 in	(20 + 2.5*L*) µin	Renishaw laser

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Parameter/Equipment	Range	CMC[2, 3, 7] (±)	Comments
MIC TRAC (Bench Top Micrometer) (cont)	(12 to 24) in (24 to 36) in (36 to 48) in (48 to 60) in	(29 + 1.7*L*) µin (11 + 2.5*L*) µin (22 + 2.2*L*) µin (4 + 2.6*L*) µin	Renishaw laser
Stator Bore Gages[4]	Up to 0.250 in Up to 0.250 in	650 µin 1500 µin	Micrometer fixture Cylindrical standards
MIC 360 (Circumference Gage)[5]	(3.5 to 6) in	86 µin	Plain plug
Thread Profile – (2 to 20) Pitch	Up to 6 in Up to 6 in	270 µin 160 µin	Optical comparator Keyence IM-7001
Dimensional Length – Measure 1D 2D 3D	 Up to 12 in (12 to 36) in Up to 12 in (12 to 32) in Up to 18 in	 (63 + 4.4*L*) µin (53 + 5.2*L*) µin (57 + 4.9*L*) µin (53 + 5.2*L*) µin (64 + 3.8*L*) µin	 MIC TRAC CMM
Mitutoyo Height Gages (LH-600E / LH600F)	Up to 24 in	(29 + 0.7*L*) µin	Mitutoyo check master

[1] This laboratory offers commercial calibration and dimensional testing services.

[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. CMC's 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 of the device measured in inches; it represents time, *R* is the resolution in inches of the unit under test.

[4] This range describes the travel of the gage's measuring arm or mechanism.

[5] This range describes the wheel diameter of the MIC 360.

[6] This scope meets A2LA's *P112 Flexible Scope Policy*.

[7] The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.

Accredited Laboratory

A2LA has accredited

GAGEMAKER, LP

Pasadena, TX

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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 April 2017).

Presented this 25th day of October 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4326.01
Valid to November 30, 2025

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