CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Advanced Measurement Technologies
4200 County Road U
Hartford, WI 53027

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

DIMENSIONAL MEASUREMENT

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 10 September 2024
Certificate Number: AT-1721

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Advanced Measurement Technologies

4200 County Road U
Hartford, WI 53027
Lee Larkin
262-404-5196

DIMENSIONAL MEASUREMENT

Valid to: **September 10, 2024** Certificate Number: **AT-1721**

1 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	Up to 2 in	190 µin	Micrometer Customer Specific Method
	Up to 12 in	(700 + 44*L*) µin	Caliper Customer Specific Method
	Up to 18 in	(680 + 6.8*L*) µin	Height Gage Customer Specific Method
	Up to 1 in	130 µin	Dial Indicator Customer Specific Method

2 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 2D	X axis = Up to 6 in Y axis = Up to 12 in	130 µin	Vision System Customer Specific Method
	X axis = Up to 12 in Y axis = Up to 12 in	130 µin	

3 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X axis = Up to 1 000 mm Y axis = Up to 1 500 mm Z axis = Up to 700mm	(7.4 + 4.5*L*) µm	CMM Customer Specific Method

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement, and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1. This company offers CMM verification of gages, fixtures, and piece parts to customer specifications.
2. The *L* factor is the length in inches or meters.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1721.

R. Douglas Leonard Jr., VP, PILR SBU