

# 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 <a href="https://www.anab.org">www.anab.org</a>.

R. Douglas Leonard Jr., VP, PILR SBU

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





### 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 (+/-) <sup>2</sup>	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 <i>L</i> ) μin	Caliper Customer Specific Method
	Up to 18 in	(680 + 6.8 <i>L</i> ) μin	Height Gage Customer Specific Method
	Up to 1 in	130 μin	Dial Indicator Customer Specific Method

#### 2 Dimensional

Version 007 Issued: September 6, 2022

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	





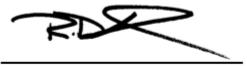
#### 3 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	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 <i>L</i> ) 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.



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