



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Ultimate Gaging Systems**  
**555 Plymouth Ave. NE**  
**Grand Rapids, MI 49505**

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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 08 September 2023  
Certificate Number: L2396



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**

**Ultimate Gaging Systems**

555 Plymouth Ave. NE  
Grand Rapids, MI 49505  
Todd Kolasa  
616-264-6967

**DIMENSIONAL MEASUREMENT**

Valid to: **September 8, 2023**

Certificate Number: **L2396**

**1 Dimensional**

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>1</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	Up to 3 in	$(72 + 16.5L) \mu\text{in}$	Outside Micrometers utilized as Reference Standard for Dimensional Measurement
	Up to 6 in	0.001 3 in	0-6 in. Calipers utilized as Reference Standard for Dimensional Measurement

**3 Dimensional**

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>1</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = Up to 1200 mm Y = Up to 3000 mm Z = Up to 1000 mm	$(14.4 + 0.033X) \mu\text{m}$	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Measurement
Dimensional Measurement 3D	X = Up to 2000 mm Y = Up to 3300 mm Z = Up to 1000 mm	$(7.73 + 0.035X) \mu\text{m}$	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Measurement

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. *L* = Length in inches; *X* = Length in millimeters
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2396.



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R. Douglas Leonard Jr., VP, PILR SBU

