



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

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

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

Dimensional Measurement

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2396

Certificate Number


ANAB Approval

Certificate Valid: 07/26/2018-09/08/2019
Version No. 002 Issued: 07/26/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 17025:2005

Ultimate Gaging Systems

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

DIMENSIONAL MEASUREMENT

Valid to: **September 8, 2019**

Certificate Number: **L2396**

Length - Dimensional Measurement 1D

Measurement Parameter ¹	Range	Expanded Uncertainty of Measurement (+/-)	Remarks
Dimensional Measurement 1D	Up to 3 in	$(72.0 + 16.46L) \mu\text{in}$	Outside Micrometers utilized as Reference Standard for Dimensional Measurement
Dimensional Measurement 1D	Up to 6 in	1274 μin	0-6 in. Calipers utilized as Reference Standard for Dimensional Measurement

Length - Dimensional Measurement 3D

Measurement Parameter ¹	Range	Expanded Uncertainty of Measurement (+/-)	Remarks
Dimensional Measurement 3D	X = Up to 1 200 mm Y = Up to 3 000 mm Z = Up to 1 000 mm	$(14.36 + 0.03X) \mu\text{m}$	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 remarks. 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.



Vice President