



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

UNIQUE MODEL, INC.  
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Grand Rapids, MI 49544  
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MECHANICAL

Valid To: November 30, 2023

Certificate Number: 1840.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following dimensional testing<sup>1,5</sup>:

I. Dimensional Testing

Parameter/Equipment	Range	CMC <sup>2,3</sup> (±)	Comments
Length (1D) <sup>4</sup> – Steel	Up to 25.4 mm (25.4 to 50.8) mm (50.8 to 76.20) mm	2.1 µm 2.1 µm 2.2 µm	Micrometer
Length (3D) <sup>4</sup> – Steel Aluminum Other Materials	Up to (2 × 1.2 × 1) m Up to (2 × 1.2 × 1) m Up to (2 × 1.2 × 1) m	(19 + 2L) µm (19 + 37L) µm (19 + 200L) µm	Bridge/Gantry CMM
Steel Aluminum Other Materials	Up to (3 × 1.25 × 1) m Up to (3 × 1.25 × 1) m Up to (3 × 1.25 × 1) m	(66 + 0.5L) µm (66 + 26L) µm (66 + 190L) µm	Horizontal arm CMM

<sup>1</sup> This laboratory offers commercial dimensional testing service.

<sup>2</sup> 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. CMCs 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.

<sup>3</sup> In the statement of CMC,  $L$  is the numerical value of the nominal length of the device measured in micrometers.

<sup>4</sup> This test is not equivalent to that of a calibration.

<sup>5</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.



# Accredited Laboratory

A2LA has accredited

## UNIQUE MODEL INC.

*Grand Rapids, MI*

for technical competence in the field of

## Mechanical Testing

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 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 5<sup>th</sup> day of January 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1840.01  
Valid to November 30, 2023

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