



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RT PRECISION MEASUREMENT, INC.  
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Windsor, Ontario CANADA N8W 3T3  
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MECHANICAL

Valid To: January 31, 2026

Certificate Number: 3522.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following dimensional tests/calibrations<sup>1, 2</sup>:

I. Dimensional Testing<sup>1</sup>

Parameter/Equipment	Range	Comments
Workpiece, Mold, Die Measurements <sup>3,4</sup> –  3D	X = Up to 2000 mm Y = Up to 1500 mm Z = Up to 1000 mm	DEA Omega #003 CMM-1
	X = Up to 2000 mm Y = Up to 975 mm Z = Up to 1000 mm	DEA Gamma #315 CMM-2
	X = Up to 2000 mm Y = Up to 975 mm Z = Up to 1000 mm	DEA Gamma #317 CMM-3
	X = Up to 1800 mm Y = Up to 975 mm Z = Up to 1000 mm	DEA Iota #462 CMM-4
	Up to 1000 mm	Articulated arm CMM with laser scanner/probing system.
1D	Up to 25.4 mm Up to 50.8 mm Up to 76.2 mm	Micrometer

## II. Dimensional Testing/Calibration<sup>1</sup>

Parameter/Equipment	Range	CMC <sup>2,6</sup> ( $\pm$ )	Comments
Fixture Gage <sup>3,5-</sup>  3D	X = Up to 2000 mm Y = Up to 1500 mm Z = Up to 1000 mm	(12 + 13L) $\mu$ m	DEA Omega #003 CMM-1
	X = Up to 2000 mm Y = Up to 975 mm Z = Up to 1000 mm	(14 + 12L) $\mu$ m	DEA Gamma #315 CMM-2
	X = Up to 2000 mm Y = Up to 975 mm Z = Up to 1000 mm	(12 + 9L) $\mu$ m	DEA Gamma #317 CMM-3
	X = Up to 1800 mm Y = Up to 975 mm Z = Up to 1000 mm	(15 + 12L) $\mu$ m	DEA Iota #462 CMM-4
	Up to 1000 mm	(75 + 1L) $\mu$ m	Articulated arm CMM with laser scanner/probing system
1D	Up to 25.4 mm	2 $\mu$ m	Micrometer
	Up to 50.8 mm	2 $\mu$ m	
	Up to 76.2 mm	2 $\mu$ m	

<sup>1</sup> This laboratory offers commercial dimensional testing and calibration 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> Field calibration/dimensional testing service is available for this calibration. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the CMC found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the actual uncertainty introduced by the item being calibrated, (e.g., resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.

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

<sup>5</sup> This laboratory meets R205 – *Specific Requirements: Calibration Laboratory Accreditation Program* for the types of dimensional tests listed above and is considered equivalent to that of a calibration.

<sup>6</sup> In the statement of CMC,  $L$  is the numerical value of the nominal length of the device measured in meters.

<sup>7</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.



# Accredited Laboratory

A2LA has accredited

## RT PRECISION MEASUREMENT INC.

*Windsor, Ontario, CANADA*

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 laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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 22<sup>nd</sup> day of January 2024.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3522.01  
Valid to January 31, 2026

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