

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

**Managed Measurement, Inc.**  
193 Rochester Town Line, RR #1  
St. Joachim, ON N0R 1S0 Canada  
Guy Carric 519-798-9982

### DIMENSIONAL MEASUREMENT

Valid to: **March 3, 2023**

Certificate Number: **L2113-1**


#### 3 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurements 3D – Steel Items <sup>2</sup>	X = Up to 1 800 mm Y = Up to 1 350 mm Z = Up to 1 000 mm	(14 + 0.01L) μm	Coordinate Measuring Machine utilized as reference standard for dimensional measurements.
Dimensional Measurements 3D – Aluminum Items <sup>2</sup>	X = Up to 1 800 mm Y = Up to 1 350 mm Z = Up to 1 000 mm	(14 + 0.021L) μm	Coordinate Measuring Machine utilized as reference standard for dimensional measurements.
Dimensional Measurements 3D – Plastic Items <sup>2</sup>	X = Up to 1 800 mm Y = Up to 1 350 mm Z = Up to 1 000 mm	(14 + 0.094L) μm	Coordinate Measuring Machine utilized as reference standard for dimensional measurements.

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. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2.  $L$  = length in mm
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2113-1.



R. Douglas Leonard Jr., VP, PILR SBU