



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Benchmark Metrology
1116 SR 46W
Batesville, IN 47006

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.

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: 09 December 2023

Certificate Number: L2168



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

Benchmark Metrology

1116 SR 46W
Batesville, IN 47006
Alicia Quiroz
812-933-5421

DIMENSIONAL MEASUREMENT

Valid to: **December 9, 2023**

Certificate Number: **L2168**

1 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	(0 to 1) in	196 μ in	Micrometer utilized as a Reference Standard for Dimensional Measurement
	(1 to 2) in	200 μ in	
	(2 to 3) in	200 μ in	
	(0 to 8) in	660 μ in	Optical Comparator utilized as a Reference Standard for Dimensional Measurement

3 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X: (0 to 20) in Y: (0 to 40) in Z: (0 to 20) in	(110 + 27.6L) μ in	XO55 CMM utilized as a Reference Standard for Dimensional Measurement
	X: (0 to 40) in Y: (0 to 78) in Z: (0 to 40) in	(110 + 27.4L) μ in	XO107 CMM utilized as a 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.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2168.



R. Douglas Leonard Jr., VP, PILR SBU

