



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Prime Tech Sales, Inc.**  
**9300 County Road, Building F**  
**Clarence Center, NY 14032**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**CALIBRATION**

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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a solid horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 05 September 2024  
Certificate Number: L2184



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**

**Prime Tech Sales, Inc.**  
 9300 County Road, Building F  
 Clarence Center, NY 14032  
 Amy Cleveland  
 800-642-4243

**CALIBRATION**

Valid to: **September 5, 2024**

Certificate Number: **L2184**

**Length – Dimensional Metrology**

<b>Parameter/Equipment</b>	<b>Range</b>	<b>Expanded Uncertainty of Measurement (+/-) <sup>2</sup></b>	<b>Reference Standard, Method, and/or Equipment</b>
Optical Comparators <sup>1</sup>	(1 to 24) in	(95 + 3.1L) μin	Glass Scale
Vision Measurement Systems <sup>1</sup>			
Linear Accuracy X and Y axis	(Up to 24) in	(41 + 5L) μin	Glass Scale/Glass Grid
Z axis	(Up to 6) in	(37 + 5L) μin	Gage Blocks
Field of View	(Up to 1) in	62 μin	Glass Reticle
CMM Performance Evaluation <sup>1</sup>			
Linear Accuracy	Up to 26 in	(15 + 11L) μin	Step Gage
Volumetric	Up to 34.5 in	(17 + 7.1L) μin	Ball Bar
Repeatability	(0.75 to 1) in	31 μin	Reference Sphere
PCMM Effective Diameter test	(0.75 to 1) in	59 μin	Spheres

**Length – Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
PCMM Volumetric Accuracy <sup>1</sup>	(14 to 28) in	(20 + 8.6L)	Certified Length Bar

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 inches and  $X$  = Length in millimeters.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2184.



R. Douglas Leonard Jr., VP, PILR SBU

