

CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

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

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

<u>L2184</u> Certificate Number



Certificate Valid Through: 09/05/2020 Version No. 002 Issued: 06/26/2019





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, 2020** Certificate Number: **L2184**

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ²	Reference Standard, Method, and/or Equipment
Optical Comparators	(1 to 12) in	(61 + 5.7 <i>L</i>) μin	Glass Scale Reticle and Gage Blocks
Vision Measurement Systems	(0 to 24) in	170 µin	Glass Scale Reticle
CMM Linearity Accuracy	(1 to 26) in	$(13 + 13L) \mu in$	Webber Step Bar
CMM Volumetric Accuracy ³	(150 to 1 600) mm	$(5.3 + 0.03X) \mu m$	Ball Bar and Spheres
PCMM Single Point Repeatability	(0.75 to 1) in	61 µin	Spheres
PCMM Volumetric Accuracy	(1 to 4.5) m	27 μm	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:

- 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.



