

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

**Optimal Calibration, LLC**  
11205 Hampton Ridge Dr.  
Chardon, OH 44024  
Kevin Kirchner 440-552-6941

**CALIBRATION**

Valid to: **December 4, 2025**

Certificate Number: **L2170**

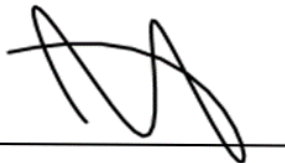
**Length – Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Granite Surface Plates <sup>1,2</sup>			In accordance with Fed Spec GGG-P-463 using Planekator
Overall Flatness	Up to 60 inDL	(83 + 0.3DL) μin	Autocollimator
	Up to 432 inDL	(45 + 1.1DL) μin	Repeat-O-Meter
Local Area Flatness	Up to 0.004 in	31 μin	

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. DL = diagonal length in inches; 60 inDL = Up to (36 x 48) in; 432 inDL = {(3 x 4) to (30 x 20) ft}.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2170.



Jason Stine, Vice President