

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

### Optimal Calibration, LLC

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### CALIBRATION

ISO/IEC 17025 Accreditation Granted: 17 November 2025

Certificate Number: **L2170** Certificate Expiry Date: **04 December 2027**

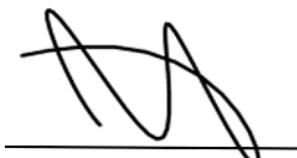
#### Length – Dimensional Metrology

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 in $DL$	(83 + 0.3 $DL$ ) $\mu$ in	
	Up to 432 in $DL$	(45 + 1.1 $DL$ ) $\mu$ in	Autocollimator
Local Area Flatness	Up to 0.004 in	31 $\mu$ in	Repeat-O-Meter

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 in $DL$  = Up to (36 x 48) in; 432 in $DL$  = {(3 x 4) to (30 x 20) ft}.



Jason Stine, Vice President