

Scope of Accreditation For Optimal Calibration

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Optimal Calibration** to perform the following Calibrations:

Accreditation granted through: **December 4, 2010**

Calibration

Length - Dimensional Metrology – Other

Calibration Parameter/Equipment ¹	Range	Best Measurement Capability(+/-) ^{2,3}	Remarks
Calibration of Surface Plates			
Repeatability	(0 to 1000) μ in	36 μ in	Repeat-O-meter
Flatness	(17 to 60) in diagonal (12 x 12 to 36 x 48 in)	(31 + 0.64L) μ in	Planekator
	(60 to 432) in diagonal (3 x 4 to 30 x 20 ft)	(56 + 1.1L) μ in	Autocollimator

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Best uncertainties represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.
- 3) Where L is the length of the surface plate diagonal in inches.

Approved by: _____
R. Douglas Leonard Jr.
Chief Technical Officer

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