

# 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, 2013**

## Calibration

### Length - Dimensional Metrology – Other

Calibration Parameter/Equipment <sup>1</sup>	Range	Calibration and Measurement Capability(+/-) <sup>2,3</sup>	Remarks
Calibration of Surface Plates			
Repeatability	(0 to 1 000) $\mu$ in	29 $\mu$ in	Repeat-O-meter
Flatness	(17 to 60) in diagonal (8 x 12 to 36 x 48 in)	(35 + 0.6L) $\mu$ in	Planekator
	(60 to 432) in diagonal (3 x 4 to 30 x 20 ft)	(56 + 1.1L) $\mu$ in	Autocollimator

Notes:

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