



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Optimal Calibration
14610 Westwood Drive
Novelty, OH 44072

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

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2170

Certificate Number


ANAB Approval

Certificate Valid: 11/17/2017-12/04/2019
Version No. 001 Issued: 11/17/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Optimal Calibration

14610 Westwood Drive
Novelty, OH 44072
Kevin Kirchner
440-552-6941

CALIBRATION

Valid to: December 4, 2019

Certificate Number: L2170

Length – Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Calibration of Surface Plates Repeatability	(0 to 0.004) in	31 μ in	Repeat-O-Meter
Flatness	(Up to 60) in diagonal (Up to 36 x 48) in	(68 + 0.5L) μ in	Planekator
	(Up to 432) in diagonal (3 x 4 to 30 x 20) ft	(45 + 1.1L) μ in	Autocollimator

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. L = Length in inches.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2170.



Vice President