



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

**QUALITY VISION SERVICES, INC. & CERTIFIED
COMPARATOR PRODUCTS A DIVISION OF QUALITY VISION
SERVICES
Rochester, NY**

for technical competence in the field of **Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. 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 18 June 2005*).

Presented this 17th day of June 2008.

A handwritten signature in black ink, appearing to read "Peter Meyer", written over a horizontal line.

President
For the Accreditation Council
Certificate Number 1864.01
Valid to July 31, 2010



For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO 17025:2005
& ANSI/NCSL Z540-1-1994

QUALITY VISION SERVICES, INC.
& CERTIFIED COMPARATOR PRODUCTS
A Division of Quality Vision Services, Inc.
1175 North Street
Rochester, NY 14621
James Schmidl Phone: 866 815 6618

CALIBRATION

Valid To: July 31, 2010

Certificate Number: 1864.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Dimensional

Parameter/Equipment	Range	Best Uncertainty ² (±)	Comments
Contour Projectors ³ – Optical Comparators	Up to 18 in (18 to 48) in	64 µin 75 µin	Video and comparator reticle comparison
Video Measurement Systems ³	Up to 18 in (18 to 48) in	31 µin 52 µin	Video reticle and stair step gage
Toolmaker's Microscopes ^{3,4}	Up to 6 in	200 µin	Glass scales
Precision Grids ⁵	Up to 25 in × 19 in	30 µin	Grid inspection system
Precision Scales ⁵	Up to 40 in	30 µin	Grid inspection system/SIP measuring instrument

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Precision Reticles ⁵	Up to 24 in	30 μ in	Grid inspection system/SIP measuring instrument
Z-Axis Step Gages – Video ⁵			Laseruler/indi-square
Step Height	(0.125 to 6) in	28 μ in	
Perpendicularity		36 μ in	
Calibration Spheres Diameter ⁵	(0.25 to 1.0) in	28 μ in	Laseruler
Step Gages – Cobra ⁵	(0.125 to 1.0) in	12 μ in	Laseruler

¹ This laboratory offers commercial and on-site calibration services.

² “Best Uncertainty” is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device, to the environment and to influences from the circumstances of the specific calibration.

³ On-site calibration service is available for this calibration. The uncertainties achievable on a customer's site can normally be expected to be larger than the Best Measurement Capabilities (BMC) that the accredited laboratory has been assigned as Best Uncertainty on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the calibration uncertainty being larger than the BMC.

⁴ This calibration service offered by Certified Comparator Products only, a Division of Quality Vision Services, Inc.

⁵ This calibration service offered at Quality Vision Services, Inc. only.