



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest

MICRO-VU CORPORATION

7909 CONDE LANE
WINDSOR, CALIFORNIA 95492-9779. U.S.A.

Calibration Laboratory CL-117

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 6, 2025



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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MICRO-VU CORPORATION

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Accredited to ISO/IEC 17025:2017

Effective Date January 6, 2025

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
<i>Dimensional</i>			
Two Dimensional (2-D) Vision Measurement System (Quantum)	Up to a diagonal length of 950 mm	$(1.0 + 0.27 L) \mu\text{m}$ where L is in meters	Procedure 2040, using Laser Interferometer, Glass Grid
Two Dimensional (2-D) Glass Grids with Diagonal Length	Up to 815 mm	$(0.33 + 0.44 L) \mu\text{m}$ where L is in meters	Procedure 2040, using Vision Measuring System (Quantum), Laser Interferometer
Two Dimensional (2-D) Glass Grids with Diagonal Length	Up to 290 mm 290 mm to 490 mm 490 mm to 640 mm 640 mm to 815 mm	$(0.58 + 1.9 L) \mu\text{m}$ $(0.63 + 2.3 L) \mu\text{m}$ $(0.78 + 2.5 L) \mu\text{m}$ $(0.78 + 2.7 L) \mu\text{m}$ where L is in meters	Procedure 2044, using Vision Measuring System (Quantum)
Two Dimensional (2-D) Optical Glass Test Grids	Up to 103 mm	3.6 μm	Procedure 2060, using VF7 Machine and a calibrated reference grid

¹The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

²When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

* If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.

