



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

JENOPTIK AUTOMOTIVE NORTH AMERICA LLC.
1500 W Hamlin Rd
Rochester Hills, MI 48309
Andreas Blind Phone: 248 853 5888

CALIBRATION

Valid until: March 31, 2022

Certificate Number: 3257.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1, 5}:

I. Dimensional Testing/Calibration³

Parameter/Equipment	Range	CMC ^{2, 4} (\pm)	Comments
Length – Measure			
1D	Up to 1200 mm	$(0.57 + 2.9L) \mu\text{m}$	CMM
2D, 3D	Up to 1200 mm	$(1.1 + 3.4L) \mu\text{m}$	
Angle – Measure	Up to 360°	$(2 + 0.65/A) \text{ arcs}$	CMM

¹ This laboratory offers commercial dimensional testing/calibration service.

² Calibration and Measurement Capability Uncertainty (CMC) 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 or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

³ This laboratory meets R205 – *Specific Requirements: Calibration Laboratory Accreditation Program* for the types of dimensional tests listed above and is considered equivalent to that of a calibration.

⁴ In the statement of CMC, L is the numerical value of the nominal length in meters; A is the distance between two length measurements in meters.

⁵ This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

JENOPTIK AUTOMOTIVE NORTH AMERICA LLC.

Rochester Hills, MI

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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).



Presented this 3rd day of March 2020.

A handwritten signature in blue ink, appearing to be 'A. ...', written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3257.01
Valid to March 31, 2022

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