CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Dekko Lab
7310 Innovation Blvd., Suite 104
Fort Wayne, IN 46818

Fulfills the requirements of

ISO/IEC 17025:2017

In the fields of

CALIBRATION, DIMENSIONAL MEASUREMENT and TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 02 December 2026

Certificate Number: L2404

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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 17025:2017

Dekko Lab
7310 Innovation Blvd., Suite 104
Fort Wayne, IN 46818
Joe Emenhiser 260 599 3922

CALIBRATION, DIMENSIONAL MEASUREMENT AND TESTING

Valid to: **December 2, 2026** Certificate Number: **L2404**

CALIBRATION

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Go/No Go Gages & Fixtures [2] (Length / Distance / Size of Feature)	(0.001 to 40) in	X = (15 + 233*L*) µin Y = (36 + 238*L*) µin Z = (18 + 238*L*) µin	1D Linear Measurement using CMM
Go/No Go Gages & Fixtures (Length / Distance / Size of Feature)	(0.001 to 2) in (0.001 to 6) in	40 µin 440 µin	Bench Micrometer Optical comparator
Go/No Go Gages & Fixtures (Length / Distance / Size of Feature)	X Axis: (0 to 24) in Y Axis: (0 to 24) in Z Axis: (0 to 11) in	530 µin 530 µin 220 µin	Multi-Sensor CMM
Micrometers	Up to 1 in	87 µin	Gage Blocks
Calipers	Up to 6 in (8 to 24) in	460 µin 590 µin	Gage Blocks
Rules and Tape Measures	Up to 50 ft	0.024 in	Direct Comparison with Steel Rule
Pin and Plug Gages	(0.011 to 1) in	40 µin	Bench Micrometer
Radius Gages	(0.01 to 1) in	520 µin	Multi-Sensor CMM
Radius Gages	(0.01 to 1) in	420 µin	Optical Comparator
Feeler Gages	(0.001 5 to 0.05) in	110 µin	Bench Micrometer
Thickness Gages / Indicators	Up to 0.5 in	290 µin	Gage Blocks

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Force Gages	(1 to 100) lbf	0.4 lbf	Deadweights and Fixture

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Clocks/Timers	Up to 24 hr	510 ms	Direct Comparison method per NIST Publication 960-12

DIMENSIONAL MEASUREMENT

1 Dimensional

Specific Tests and / or Properties Measured	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
1-Dimensional Measurement (Length / Distance / Size of Feature)	Up to 1 in	87 µin	Micrometers
	Up to 6 in (8 to 24) in	460 µin 590 µin	Caliper
	(0.011 to 2) in	110 µin	Go / No-Go Gages
	Up to 50 ft	0.024 in	Tape Measures, Rules

2 Dimensional

Specific Tests and / or Properties Measured	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Radius	(0.01 to 1) in	520 µin	Radius Gages
2-Dimensional Measurement (Angle / Diameter / Radius)	Up to 6 in	440 µin	Optical comparator

3 Dimensional

Specific Tests and / or Properties Measured	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
3-Dimensional Measurement (Profile / Runout / Position)	Up to 40 in	X = (15 + 233*L*) µin Y = (36 + 238*L*) µin Z = (18 + 238*L*) µin	ANSI/ASME Y14.5M; CMM (for measuring polycarbonate)
	X Axis: (0 to 24) in Y Axis: (0 to 24) in Z Axis: (0 to 11) in	530 µin 530 µin 220 µin	Multi-Sensor CMM

TESTING

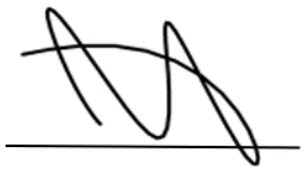
Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile and Compression	Up to 5 000 N	Plastics	Tensile Machine
Dielectric Breakdown	ASTM D149	Electrical Insulating Materials	Dielectric Tester
Environmental Exposure Thermal Shock	Customer Specifications (-60 to 200) °C	Transportation	Thermal Shock Chamber
Environmental Exposure Temperature / Humidity	Customer Specifications (-40 to 150) °C (30 to 80) % RH	Transportation	Temperature/Humidity Chamber

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. Unless otherwise specified in the far-right column, the calibration method or procedure has been internally written.
4. This scope is formatted as part of a single document including Certificate of Accreditation No. L2404.



Jason Stine, Vice President