



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Kent Machine**  
8677 South State Road 9  
Pendleton, IN 46064

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the fields of

**CALIBRATION and DIMENSIONAL MEASUREMENT**

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](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 14 September 2025

Certificate Number: L2164



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**

**Kent Machine**  
 8677 South State Road 9  
 Pendleton, IN 46064  
 Jeff Baker  
 765-778-7777

**CALIBRATION & DIMENSIONAL MEASUREMENT**

Valid to: **September 14, 2025**

Certificate Number: **L2164**

**CALIBRATION**

**Length – Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Outside Diameter – Cylindrical Plugs/Pins	(0 to 4) in	(9 + 32L) μin	ULM (KM 045)
Inside Diameter – Ring Gauges	(0 to 4) in	(26 + 28L) μin	
Length – Length standards, Fixturing	(0 to 4) in	(9 + 32L) μin	
	(0 to 12) in	(150 + 13L) μin	Electronic Height Gage (KM 202)
Length – Machined parts, gauges, fixtures	X axis (0 to 27) in Y axis (0 to 42) in Z axis (0 to 23) in	(190 + 16L) μin	Coordinate Measuring Machine – Spectrum (KM 003)
	X axis (0 to 19.5) in Y axis (0 to 19.5) in Z axis (0 to 19.5) in	(28 + 18L) μin	Coordinate Measuring Machine – Micura (KM 200)
Form	(0 to 2) in	(59 + 25L) μin	Contracer (KM 213)
Roundness	(0 to 0.04) in	42 μin	Rotary Air Table (KM 105)
Profile	(0 to 0.5) in	(200 + 29L) μin	OGP (Vision) (KM 110)

## DIMENSIONAL MEASUREMENT

### 1 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	(0 to 200) μin	14 μin	Electronic Test Indicator w/ Amplifier (KM 113)
	200 μin to 4 in	79 μin	
	(0 to 4) in	(9.3 + 32L) μin	ULM (KM 045)
	(0 to 12) in	(150 + 13L) μin	Electronic Height Gage (KM 202)

### 2 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 2D	(0 to 0.04) in	42 μin	Rotary Air Table (KM 105)
	X axis (0 to 14) in Y axis (0 to 12) in	(200 + 29L) μin	OGP (Vision) (KM 110)
	(0 to 2) in	(59 + 25L) μin	Contracer (KM 213)

### 3 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X axis (0 to 27) in Y axis (0 to 42) in Z axis (0 to 23) in	(190 + 16L) μin	Coordinate Measuring Machine – Spectrum (KM 003)
	X axis (0 to 19.5) in Y axis (0 to 19.5) in Z axis (0 to 19.5) in	(28 + 18L) μin	Coordinate Measuring Machine – Micura (KM 200)

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. L2164.



Jason Stine, Vice President

