



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Precision Technologies, Inc.

1740 State Route 61

Crestline, OH 44827

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the fields of

CALIBRATION
and **DIMENSIONAL MEASUREMENT**

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

L2006-1

Certificate Number


ANAB Approval

Certificate Valid Through: 04/16/2022
Version No. 003 Issued: 03/20/2020



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).



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Precision Technologies, Inc.

1740 State Route 61
Crestline, OH 44827
Chris Brickner
419-683-8029

CALIBRATION AND DIMENSIONAL MEASUREMENT

Valid to: **April 16, 2022**

Certificate Number: **L2006-1**

CALIBRATION

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method, and/or Equipment
Calipers (0.000 5 resolution)	(0 to 12) in	(420 + 4.7L) μin	Gage Blocks
Calipers (0.001 resolution)	(0 to 12) in	(580 + 0.6L) μin	Gage Blocks
Depth Micrometers	(0 to 12) in	(590 + 0.5L) μin	Gage Blocks
OD Micrometers	(0 to 12) in	(650 + 16.8L) μin	Gage Blocks
Height Gage	(0 to 20) in	(580 + 1.2L) μin	Gage Blocks
Dial Indicators	(0 to 0.5) in	(630 + 25.1L) μin	Gage Blocks
Digital Indicator	(0 to 1) in	(55 + 30.1L) μin	Gage Blocks
Micrometer Standards, Length Rods	Up to 20 in	(32 + 2.9L) μin	Helios w/Ref Block
Thread Plugs Major Diameter Pitch Diameter	Up to 2.4 in	110 μin 160 μin	Helios w Thread Wires
Pin Gages	Up to 1 in	17 μin	Helios
Ring Gages	Up to 4 in	(45 + 23.8L) μin	Helios



DIMENSIONAL MEASUREMENT

3 Dimensional

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = (0 to 60) in Y = (0 to 125) in Z = (0 to 50) in	(470 + 48.7L) μin	CMM with Probe
	X = (0 to 27.5) in Y = (0 to 39.5) in Z = (0 to 20.5) in	(470 + 45.5L) μin	

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. L = length in inches.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2006-1.



Vice President