



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Touchstone Calibration Service, Inc.

**8745 Packard Road
Niagara Falls, NY 14304**

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

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: 07 July 2028

Certificate Number: AC-1118



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

Touchstone Calibration Service, Inc.

8745 Packard Road
Niagara Falls, NY 14304
Kevin Schul / John Conway 800-701-1719

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **22 June 2026**

Certificate Number: **AC-1118** Certificate Expiry Date: **07 July 2028**

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Coordinate Measuring Machines (CMMs) ^{1,2}			ASME B89.4.1-1997 per Sec 5.4.2/5.4.3, 5.5.2, and 5.3:
X, Y, Z Axis Length Linearity	Up to 7 000 mm	$(0.86 + 2.4L) \mu\text{m}$	Renishaw Laser Interferometer
Linear Displacement Accuracy (X, Y, Z)	(25.4 to 610) mm	$3.6 \mu\text{m}$	Starrett-Webber Step Bar
Squareness Deviation	Up to 457 mm	$5.2 \mu\text{m}$	Ceramic or Granite Square and Indicator
Repeatability	Up to 1 in Up to 25.4 mm	$100 \mu\text{in}$ $2.54 \mu\text{m}$	Reference Sphere
Volumetric Accuracy	Up to 39 in Up to 990 mm	$(110 + 4.31L) \mu\text{in}$ $(3.1 + 4.31L) \mu\text{m}$	Ball Bar, Precision Spheres

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 or meters according to the Range unit of measure.



Jason Stine, Vice President

