



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Touchstone Calibration Services, 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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 07 July 2024

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

Valid to: **July 7, 2024**

Certificate Number: **AC-1118**

#### Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Coordinate Measuring Machines (CMMs) <sup>1</sup>	Up to 7 000 mm	(0.86 + 2.4L) μm	ASME B89.4.1-1997 per Sec 5.4.2/5.4.3, 5.5.2, and 5.3:
Linear Displacement Accuracy (X, Y, Z)	(25.4 to 610) mm	2.8 μm	Renishaw Laser Interferometer Starrett-Webber Step Bar
CMM Squareness Deviation	(0 to 457) mm	4.5 μm	Ceramic or Granite Square and Indicator

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 meters.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1118.



R. Douglas Leonard Jr., VP, PILR SBU