



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CREAFORM INC.  
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CALIBRATION

Valid To: June 30, 2021

Certificate Number: 4274.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Dimensional

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Optical Portable CMM – Volumetric Performance	Up to 2 m	9 µm	ATP902-01 (based on ASME B89.4.22-2004 except 5.2 using length bar standards)
Optical Portable CMM – Probing Size Error	Dia: 50.8 mm	6 µm	ATP942-01 based on partial calibration per ISO 10360-12 using: Length bar standards
Length Error	Up to 2 m	12 µm	Reference sphere
Optical Portable 3D Scanner – Probing Size Error	Dia.: 38.1 mm	3 µm	ATP939-01 based on VDI/VDE 2634 Part 3 sections 4.1 and 4.2 using ball bar standards with reference spheres
Sphere Spacing Error	Up to 1.5 m	12 µm	

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Portable 3D Scanner – Probing Size Error Sphere Spacing Error	Dia: 38.1 mm Up to 650 mm	4 µm 12 µm	ATP939-01 based on VDI/VDE 2634 Part 3 sections 4.1 and 4.2 using ball bar standards with reference spheres

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.



## *Accredited Laboratory*

A2LA has accredited

**CREAFORM INC.**

*Levis, QC*

for technical competence in the field of

**Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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)*.



Presented this 15<sup>th</sup> day of April 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4274.01  
Valid to June 30, 2021

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*