SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CREAFORM INC.
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CALIBRATION

Valid To: June 30, 2023 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[1]:

I. Dimensional

Parameter/Equipment	Range	CMC[2] (±)	Comments
Optical Portable CMM –			
Volumetric Performance	Up to 2 m	10 µm	ATP902-01 (based on ASME B89.4.22-2004 except 5.2 using length bar standards
Optical Portable CMM –			ATP942-01 based on partial calibration per ISO 10360-12 using:
Probing Size Error	Dia: 50.8 mm	6 µm	Reference sphere
Length Error	Up to 2 m	12 µm	Length bar standards
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[2] (±)	Comments
Portable 3D Scanner –			
Probing Size Error	Dia: 38.1 mm	4 µm	ATP927-01 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 650 mm	12 µm	

[1] This laboratory offers commercial calibration service.

[2] 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, CANADA

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 the 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*).

American Association for Laboratory Accreditation
CORPORATE SEAL 1978
DISTRICT OF COLUMBIA
A2LA

Presented this 19th day of April 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4274.01
Valid to June 30, 2023

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