



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**FARO Technologies UK Ltd**  
Unit 1A Great Central Way  
Rugby, CV21 3XH United Kingdom

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).

Jason Stine, Vice President

Expiry Date: 25 January 2028

Certificate Number: L1147.14-1



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**

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**CALIBRATION**

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

Certificate Number: **L1147.14-1** Certificate Expiry Date: **25 January 2028**

**Length-Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Articulated Arm Coordinate Measurement Machine (AACMM):  Volumetric Performance  Effective Diameter	  (0 to 2.2) m  (3 to 25.4) mm	  3.5 µm  1.0 µm	ASME B89.4.22-2004 at 5.2, 5.3 and 5.4 using  Kinematic Scale Bar  Test Sphere
Articulated Arm Coordinate Measurement Machine (AACMM): Probing Size Error (PSize)	Working Volume: 1.5 m 2.0 m 2.5 m 3.0 m 3.5 m 4.0 m	2.2 µm 2.2 µm 2.8 µm 6.4 µm 7.8 µm 11 µm	ISO 10360-12:2016 at 6.2 using 25.4 mm Test Sphere
Articulated Arm Coordinate Measurement Machine (AACMM): Probing Form Error (PForm)	Working Volume: 1.5 m 2.0 m 2.5 m 3.0 m 3.5 m 4.0 m	2.1 µm 2.1 µm 2.4 µm 3.7 µm 3.7 µm 5.3 µm	ISO 10360-12:2016 at 6.2 using 25.4 mm Test Sphere

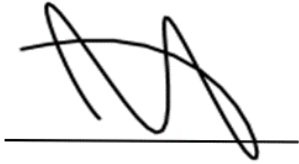
**Length-Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Articulated Arm Coordinate Measurement Machine (AACMM): Articulated Location Error (LDia)	Working Volume: 1.5 m 2.0 m 2.5 m 3.0 m 3.5 m 4.0 m	7.5 μm 7.5 μm 8.7 μm 11 μm 17 μm 18 μm	ISO 10360-12:2016 at 6.3 using mm 25.4 Test Sphere
Articulated Arm Coordinate Measurement Machine (AACMM): Length Measurement Error, Unidirectional (EU <sub>ni</sub> )	(0 to 1.05) m (0 to 1.36) m (0 to 1.8) m (0 to 2.11) m (0 to 2.42) m (0 to 2.64) m	3.1 μm 3.7 μm 4.0 μm 5.7 μm 6.4 μm 8.4 μm	ISO 10360-12:2016 at 6.4 using Kinematic Scale Bar
Articulated Arm Coordinate Measuring Machines (AACMM) with Optical Distance Sensors: Articulated Location Value	Sphere Diameter: 50.8 mm	4.4 μm	Based on ISO 10360-08:2013 Annex D by comparison to  Test Sphere
Laser Line Probe (LLP):  Diameter  Z Distance/Position	Cylinder Diameter: 25.4 mm 25.4 mm 25.4 mm  (75 to 360) mm (80 to 230) mm	1.9 μm 3.8 μm 7.0 μm  1.4 μm 2.9 μm	Internal Procedure by comparison to  Reference Glass Cylinder Reference Aluminum Cylinder Reference Ceramic Cylinder  Reference Distance/ Position Fixture
Faro Laser Tracker: Ranging Length Measurement	(0.04 to 25) m	(2 + 0.4L) μm	ASME B89.4.19-2006 using Reference Laser Tracker
Faro Laser Tracker: Transverse Length Measurement	(0.23 to 6.2) m	(8 + 1.2X) μm	ASME B89.4.19-2006 using Reference Laser Tracker Kinematic Scale Bars

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,  $X$  = the perpendicular distance from the tracker to the space frame.



Jason Stine, Vice President

