



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**FARO Europe GmbH**  
Lingwiesenstraße 11/2  
D-70825 Korntal-Münchingen, Germany

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: L1147.04-1



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: **L1147.04-1** 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):			ASME B89.4.22-2004 at 5.2, 5.3 and 5.4 using
Volumetric Performance	(0 to 2.2) m	3.5 µm	Kinematic Scale Bar
Effective Diameter	(3 to 25.4) mm	1.0 µm	Test Sphere
Articulated Arm Coordinate Measurement Machine (AACMM):	Working Volume		ISO 10360-12:2016 at 6.2 using 25.4 mm Test Sphere
Probing Size Error (PSize)	1.5 m	2.2 µm	
	2.0 m	2.2 µm	
	2.5 m	2.8 µm	
	3.0 m	6.4 µm	
	3.5 m	7.8 µm	
	4.0 m	11 µm	
Articulated Arm Coordinate Measurement Machine (AACMM):	Working Volume		ISO 10360-12:2016 at 6.2 using 25.4 mm Test Sphere
Probing Form Error (PForm)	1.5 m	2.1 µm	
	2.0 m	2.1 µm	
	2.5 m	2.4 µm	
	3.0 m	3.7 µm	
	3.5 m	3.7 µm	
	4.0 m	5.3 µm	



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**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		ISO 10360-12:2016 at 6.3 using 25.4 mm Test Sphere		
	1.5 m	7.5 μm			
	2.0 m	7.5 μm			
	2.5 m	8.7 μm			
	3.0 m	11 μm			
	3.5 m	17 μm			
Articulated Arm Coordinate Measurement Machine (AACMM): Length Measurement Error, Unidirectional (EU <sub>ni</sub> )	(0 to 1.05) m	3.1 μm	ISO 10360-12:2016 at 6.4 using Kinematic Scale Bar		
	(0 to 1.36) m	3.7 μm			
	(0 to 1.8) m	4.0 μm			
	(0 to 2.11) m	5.7 μm			
	(0 to 2.42) m	6.4 μm			
	(0 to 2.64) m	8.4 μm			
Articulated Arm Coordinate Measuring Machines (AACMM) with Optical Distance Sensors:  Articulated Location Value	Sphere Diameter:		Based on ISO 10360-08:2013 Annex D by comparison to  Test Sphere		
	50.8 mm	4.4 μm			
Laser Line Probe (LLP):  Diameter	Cylinder Diameter:	25.4 mm	1.9 μm	Internal Procedure by comparison to  Reference Glass Cylinder Reference Aluminum Cylinder Reference Ceramic Cylinder	
		25.4 mm	3.8 μm		
		25.4 mm	7.0 μm		
	Z Distance/Position	(75 to 360) mm	1.4 μm		Reference Distance/ Position Fixture
		(80 to 230) mm	2.9 μm		
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		
Faro Laser Tracker: Orientation Error of Six-DOF Probe	(2.5 to 10) m	2.0 μm	ISO 10360-10:2016		

This Scope of Accreditation, version 013, was last updated on: 22 January 2026 and is valid only when accompanied by the Certificate.

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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.
3. FOV = Field of View.



Jason Stine, Vice President

