CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

FARO Technologies, Inc.
290 National Road
Exton, PA 19341

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.

Jason Stine, Vice President

Expiry Date: 25 January 2026

Certificate Number: L1147.02-1

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

FARO Technologies, Inc.

290 National Road
Exton, PA 19341
Rachel Sowers
407-333-9911 ext 1074

CALIBRATION

Valid to: **January 25, 2026** Certificate Number: **L1147.02-1**

Length-Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method and/or Equipment
FARO Laser Tracker: Ranging Length Measurement	(0.04 to 70) m	(2 + 0.4*L*) µm	ISO 10360-10:2016 (Table 4) ASME B89.4.19:2006 Reference Laser Tracker
FARO Laser Tracker: High Accuracy Ranging Length Measurement	(0 m to 48) m	(1.1 + 0.16*L*) µm	ISO 10360-10:2016 (Table 4) ASME B89.4.19:2006 IFM Integrated Automated ADM Rail. Direct Comparison to Laser Interferometer
FARO Laser Tracker: Transverse Length Measurement	(0.23 to 6.2) m	(8 + 1.2*X*) µm	ASME B89.4.19:2006 Reference Laser Tracker Kinematic Scale Bars
FARO Laser Tracker: Transverse Length Measurement	(0.5 to 6.2) m	4.9 µm	ISO 10360-10:2016 (Tables 4 and 5) Kinematic Scale Bars
FARO Laser Tracker: Probing Error of Form	(0.5 to 2) m	1 µm	ISO 10360-10:2016 Reference Sphere

Length-Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method and/or Equipment
FARO Laser Tracker: Probing Error of Size	(0.5 to 2) m	1.6 µm	ISO 10360-10:2016 Reference Sphere
FARO Laser Tracker: Orientation Error of Six-DOF Probe	2.5 m to 10 m	2.0 µm	ISO 10360-10:2016
FARO 3D Imager: Length Measurement (Sphere Spacing)	Ball Bar Distance [4]: 220 mm (FOV: 500 mm)	0.77 µm	VDI/VDE 2634-2:2012 Ball Bar
	Ball Bar Distance [4]: 120 mm (FOV: 250 mm)	0.54 µm	

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. Laboratory offers calibration services at the laboratory's own facilities.
2. L = Length in meters, X = the perpendicular distance from the tracker to the space frame.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L1147.02-1.
4. FOV = Field of View.

Jason Stine, Vice President