



**LABORATORY
ACCREDITATION
BUREAU** a division of A-S-B

Certificate of Accreditation

ISO/IEC 17025:2005

Certificate Number L1147.09-1

FARO Singapore

No. 3 Changi South Street 2

#01-01 Xilin Districentre Building B, Singapore, 486548

has met the requirements set forth in L-A-B's policies and procedures, all requirements of ISO/IEC 17025:2005 "General Requirements for the competence of Testing and Calibration Laboratories".*

The accredited lab has demonstrated technical competence to a defined "Scope of Accreditation" and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Accreditation valid through: January 25, 2017

**R. Douglas Leonard, Jr., President, COO
Laboratory Accreditation Bureau
Presented the 13th of January 2014**

*See the laboratory's Scope of Accreditation for details of accredited parameters

**Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).
Form 28.1 - Rev 1 7/3/13

Scope of Accreditation For FARO Singapore

No. 3 Changi South Street 2
#01-01 Xilin Districentre Building B, Singapore, 486548
Chee Wei Yeong
65-6511-1312

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **FARO Singapore** to perform the following Calibrations:

Accreditation granted through: **January 25, 2017**

Calibration

Length – Hand Tools and Precision Gages 3D

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-)	Remarks
Articulated Arm Coordinate Measurement Machine Volumetric Performance ²³ (Ball Bar)	(0 to 2.2) m	$(0.35 + 0.45L) \mu\text{m}$	Articulated Arm Coordinate Measuring Machines (AACMM) produced by FARO Technologies, Inc.
Volumetric Performance ² (Kinematic Scale Bar)	(0 to 2.2) m	3.5 μm	
Effective Diameter	(3 to 25.4) mm	1 μm	
Single Point Articulation Performance	N/A ³	0.41 μm	

Length – Hand Tools and Precision Gages 3D Non-contact

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-)	Remarks
Faro Laser Tracker Ranging Calibration ²	(0.04 to 25) m	$(2 + 0.4L) \mu\text{m}$	Laser-Based Spherical Coordinate Measurement Systems produced by FARO Technologies, Inc.
Faro Laser Tracker System Calibration ²	(0.23 to 6.2) m	$(7.96 + 1.22X) \mu\text{m}$	

Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of $k=2$.

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) L = length in meters, X is the perpendicular distance from the tracker to the space frame.
- 3) Point measurements do not have a range.



Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: January 13, 2014

Re-Issued: 1/13/14