

# Calibration Certificate

Model: Quantum-S

Calibration Date: 2024-04-25  
YYYY-MM-DD

Certificate #: W25S51818135-20240425-1046A

Serial #: W25-S5-18-18135

## Measurement Standards Traceability

Kinematic Scale Bar- Short	Asset Number: 3920	Calibration Due Date: 2024-07-13	*SI Traceability: 6805ca2b-29e8-449c-be70-00b1ccac1a39
Kinematic Scale Bar- Long	Asset Number: 3919	Calibration Due Date: 2024-07-13	*SI Traceability: 6805ca2b-29e8-449c-3434-00b1cc9098ef
Thermometer	Asset Number: 5336	Calibration Due Date: 2024-08-10	*SI Traceability: 17-E5T9R-20-1 REV 0
Calibration Probe	Asset Number: 5560	Calibration Due Date: 2025-01-18	*SI Traceability: 351580-1014898
Reference Sphere 1	Asset Number: 3577	Calibration Due Date: 2025-01-18	*SI Traceability: 351580-1014888
Reference Sphere 2	Asset Number: TQ1956	Calibration Due Date: 2025-01-18	*SI Traceability: 22-298-00824

The artifacts above have been calibrated with a device traceable to the International System of Units (SI) through a National Metrological Institute (NMI) or through an ISO17025 Accredited Laboratory.  
 See attached data for measurement results.

## Calibration Results\*

	Specification	Measurement	Result (Pass/Fail)
3 Single Point Articulation Tests at near, medium, and far range	(mm) 0.0200	<b>0.0141</b>	Passed
Size Error (PSize.Sph.1x25)	(mm) 0.0120	<b>0.0021</b>	Passed
Form Error (PForm.Sph.1x25)	(mm) 0.0250	<b>0.0117</b>	Passed
Articulated Location Error (LDia.5x5:Art)	(mm) 0.0480	<b>0.0333</b>	Passed
Length Error (EUni,MPE)	(mm) 0.0300	<b>0.0174</b>	Passed

### Instrument condition as received (AS FOUND):

Not Within Specification

### Instrument condition outgoing (AS LEFT):

Within Specification

This certificate invalidates all other certificates generated before: 2024-04-25 10:47:54 AM  
 This certificate shall not be reproduced, except in full, without permission of FARO Technologies, Inc.  
 The results of this certificate relate only to the items calibrated or tested.  
 Calibration Standard Used: ISO 10360-12 (October 2016). All dates use UTC.

Approved by Technician: Richard Nguyen  
 Date: 4/25/2024

### FARO Technologies Inc

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Cert # L-1147-1 Calibration

