

Calibration Certificate

Model: Quantum-S

Calibration Date: 2021-09-15
YYYY-MM-DD

Certificate #: W30S52034761-20210915

Serial #: W30-S5-20-34761

Measurement Standards Traceability

Kinematic Scale Bar- Short	Asset Number: 4172	Calibration Due Date: 2022-01-03	*SI Traceability: 0068eb5e-ce60-91b2-8fa2-009f40dc3236
Kinematic Scale Bar- Long	Asset Number: 4171	Calibration Due Date: 2022-01-03	*SI Traceability: 0068eb5e-ce60-91b2-93af-009f40d06470
Thermometer	Asset Number: 5376	Calibration Due Date: 2022-07-09	*SI Traceability: T165699 D-K-15070-01-01 2021-07
Calibration Probe	Asset Number: 5210	Calibration Due Date: 2022-02-18	*SI Traceability: 19-363-00642
Reference Sphere 1	Asset Number: 6023	Calibration Due Date: 2023-01-14	*SI Traceability: 21-363-00418
Reference Sphere 2	Asset Number: 5003	Calibration Due Date: 2021-12-19	*SI Traceability: 18-449-02636

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) 0.0320	0.0166	Passed
Size Error (PSize.Sph.1x25)	(mm) 0.0160	0.0033	Passed
Form Error (PForm.Sph.1x25)	(mm) 0.0320	0.0092	Passed
Articulated Location Error (LDia.5x5:Art)	(mm) 0.0740	0.0362	Passed
Length Error (EUni,MPE)	(mm) 0.0500	0.0313	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: 2021-09-15 8:18:18 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)

Approved by Technician: Marius Kohrt

Date: 9/15/2021

FARO EUROPE GmbH

PH1: + 800-32767378

PH2: +49 (715) 097970

FAX: +49 (715) 0979744

Lingwiesenstrasse 11/2

D-70825 Korntal-Münchingen

Germany



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