

Calibration Certificate

Part Description: Gage Plus Faro Arm

Certification Date: 5.27.2010
MMDDYYYY

Serial#: F04-02-10-25927

Accuracy Specification: F04-02 MPE(μ m) 5+8L/1000

Certificate#: F2592740325

Temperature: See attached data

Measurement Standards Traceability

Ball Bar Kit	Asset Number: 812	Calibration Due: 6.10.2010	*SI Traceability: METAS-L20100202RG2
Thermometer	Asset Number: S027	Calibration Due: 8.26.2010	*SI Traceability: DKD-K-06701-1185
Reference Sphere	Asset Number: 1143	Calibration Due: 10.19.2011	*SI Traceability: NIST 821/270114-04

The artifact above has 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. Expanded measurement uncertainty is $3.9 + 5.9X$ micrometers, where X=measured value in meters. Uncertainty is expressed at approximately the 95% Level of Confidence using $k=2.00$.

Calibration Results*

Probing Error: Digitizing 25 Points on a sphere rigidly mounted within the Arm's measurement volume. **PASSED**

Size: 100, 300, 500, 700, and 900mm Ball Bar measurements in 7 positions with 3 orientations. **PASSED**

*Calibration conforms to procedures developed in accordance with ISO10360-2. See attached for measurement results.

Instrument condition as received:

New

Instrument condition outgoing:

Within specifications

Technician: *Sead Ademi* Date: 5.27.10

Sead Ademi

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The results of this certificate relate only to the items calibrated or tested.

FARO Technologies, Inc.
FARO Swiss Manufacturing
PH1: +41 (52) 6871940

FAX: +41 (52) 6871999
L-A-B Cert Number: L1147.05-1

Wiesengasse 20
8222 Beringen
Switzerland

FARO®



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ACCREDITATION
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ISO/IEC 17025 Accredited

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