

Calibration Certificate



中国认可
国际互认
校准
CALIBRATION
CNAS L16277

Calibration Center of Scantech (Hangzhou) Co., Ltd.
Address: Room 102, Unit 1, Building 12, No 998, West Wenyi Road, Wuchang Street, Yuhang District, Hangzhou, Zhejiang, China
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Certificate No.	SKJZ-2025121509
Issued Date	16 December 2025
Issued By	Calibration Center of Scantech (Hangzhou) Co., Ltd.
Customer	Artec Europe S.à r.l.
Contact Info	+391893937
Model / Type	Artec Point
Serial No.	SK01USEY0809
Received Date	15 December 2025
Calibrated Date	16 December 2025

This calibration certificate documents the metrological traceability to national standards, which realize the units of measurement according to the International System of Units (SI).

The CNAS is authorized by Certification and Accreditation Administration of the People 's Republic of China (CNAS) to operate the national accreditation schemes for conformity assessment. CNAS is a signatory of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (AP AC MRA).

The calibration laboratory which issued this calibration certificate conforms to ISO/IEC 17025:2017.
The user is obliged to have the object recalibrated at appropriate intervals.

This calibration certificate may not be reproduced other than in full except with the permission of the issuing laboratory. These results are only responsible for the sample calibrated, all results contained herein relate only to the item calibrated. Calibration certificates without signature are not valid.

Calibrated By

Xiaolei.Zi

Xiaolei.Zi

Checked By

Jie.Chen

Jie.Chen

Approved By

Le.Fang

Le.Fang

Calibration Certificate

Reference documents for the calibration (code, name)

1. VDI / VDE 2634 Part 3 - 2008: Optical 3-D measuring systems - Multiple view systems based on area scanning
2. JJF 1951 - 2021: Calibration Specification for Optical 3D Measuring Systems Based on Structured Light Scanning

Calibration location and environmental conditions

Location	Room 102, Unit 1, Building 12, No 998, West Wenyi Road, Wuchang Street, Yuhang District, Hangzhou, Zhejiang
Temperature	20.4°C
Relative humidity	55%

Measurement standards used in this calibration

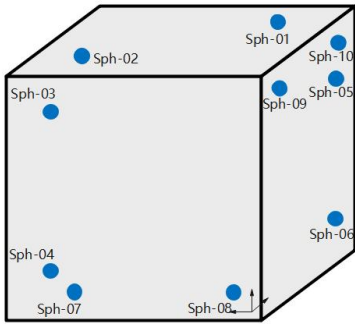
Name / Number	Measuring Range	Uncertainty / Accuracy Calss/ MPE	Traceability Institution / Certificate No.	Valid Date
Ball Bar/ JB/QB/21-015	(38-430)mm	$U=0.0015\text{mm}$ ($k=2$)	Zhejiang Institute of Quality Sciences / XZJH-20250351603	30 March 2026
Ball Bar/ JB/QB/21-016	(38-430)mm	$U=0.0015\text{mm}$ ($k=2$)	Zhejiang Institute of Quality Sciences / XZJH-20250351602	30 March 2026
Ball Bar/ JB/QB/21-017	(38-558)mm	$U=0.0015\text{mm}$ ($k=2$)	Zhejiang Institute of Quality Sciences / XZJH-20250351601	30 March 2026
Ball Bar/ JB/QB/21-018	(38-558)mm	$U=0.0015\text{mm}$ ($k=2$)	Zhejiang Institute of Quality Sciences / XZJH-20250351599	30 March 2026
Ball Bar/ JB/QB/24-044	(38-688)mm	$U=0.7\mu\text{m}+2.2\times 10^{-6} L$ ($k=2$)	Zhejiang Institute of Quality Sciences / XZJH-20250850064	03 August 2026

Measurement standards used in this calibration can be traced to national standard

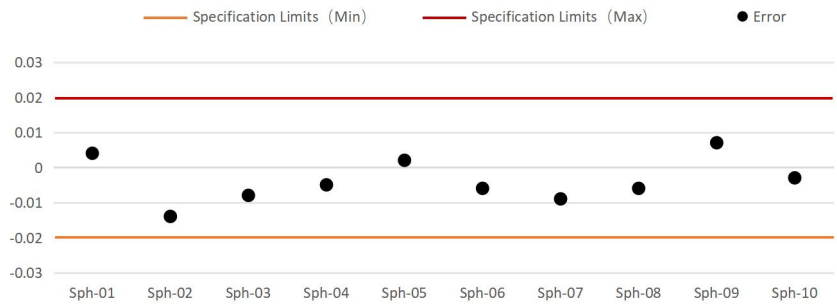
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Calibration results

Probing error size (Ps)



Positions in measurement volume



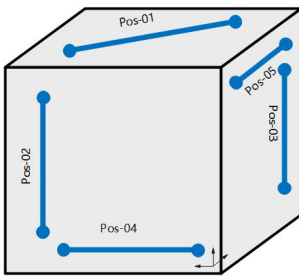
Probing Size Error Graph

Position	Standard value	Measured value	Error	Uncertainty (k=2)
Sph-01	38.105 mm	38.109 mm	0.004 mm	0.008 mm
Sph-02	38.099 mm	38.085 mm	-0.014 mm	0.008 mm
Sph-03	38.091 mm	38.083 mm	-0.008 mm	0.008 mm
Sph-04	38.096 mm	38.091 mm	-0.005 mm	0.008 mm
Sph-05	38.098 mm	38.100 mm	0.002 mm	0.008 mm
Sph-06	38.098 mm	38.092 mm	-0.006 mm	0.008 mm
Sph-07	38.092 mm	38.083 mm	-0.009 mm	0.008 mm
Sph-08	38.093 mm	38.087 mm	-0.006 mm	0.008 mm
Sph-09	38.099 mm	38.106 mm	0.007 mm	0.008 mm
Sph-10	38.091 mm	38.088 mm	-0.003 mm	0.008 mm

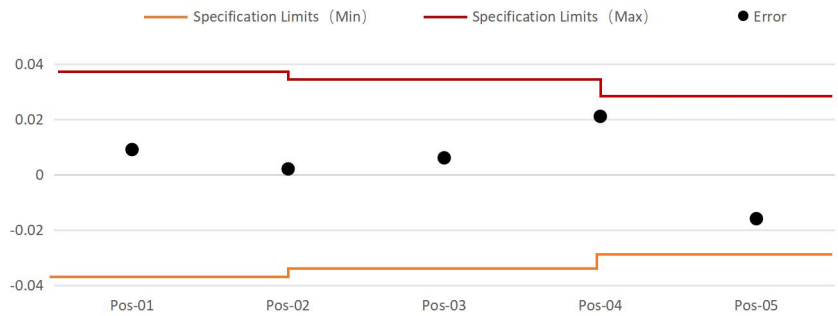
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Calibration results

Sphere spacing error (SD)



Positions in measurement volume



Sphere Spacing Error Graph

Position	Standard value	Measured value	Error	Uncertainty (k=2)
Pos-01	650.139mm	650.148mm	0.009mm	0.010mm
Pos-02	520.203mm	520.205mm	0.002mm	0.010mm
Pos-03	520.123mm	520.129mm	0.006mm	0.010mm
Pos-04	392.466mm	392.487mm	0.021mm	0.010mm
Pos-05	391.945mm	391.929mm	-0.016mm	0.010mm

Measurement Uncertainty

The specification indicates the expanded measuring uncertainty resulting from multiplication of the standard measuring uncertainty by the factor $k = 2$. It was determined in conformity with JJF1059.1-2012 (or EA-4/02 M:2022 (EU)).

The values of the measurement parameter lie within the specified range with a probability of 95%.

End of calibration Certificate