

Certificate of Calibration

Certificate No: D111111E0D01  
Date of certificate: 02<sup>nd</sup> July 2024  
Device Model: DWL1900XY  
Product Description: 2-Axis Vertical Precision Digital Level  
Serial Number: 11A11111  
Temperature: 20° C ±1 °C  
Relative Humidity: 55 ± 10 %RH  
Date of calibration: 18<sup>th</sup> June 2024 (in storage: next cal. 5 years)

Resolution: 0.001° (≤20µm/M or 0.0002"/ft)  
Accuracy Specifications: ± 0.002° at (90.000° ± 0.500°)  
± 0.004° for other angles  
Repeatability: ± 0.001°

Test/Inspection Report

Description	Standard	Lower Limit	Upper Limit	As Found (+Slope)	As Found (-Slope)
X-axis	0.000	-0.002	0.002	0.000	0.000
	0.288	0.286	0.290	0.288	0.289
	0.450	0.448	0.452	0.449	0.449
	1.000	0.996	1.004	1.001	1.000
	1.450	1.446	1.454	1.451	1.451
	1.696	1.692	1.700	1.695	1.696
	1.894	1.890	1.898	1.893	1.893
	2.000	1.996	2.004	2.000	2.000
	4.500	4.496	4.504	4.500	4.499
Y-axis	0.000	-0.002	0.002	0.000	0.001
	0.288	0.286	0.290	0.287	0.286
	0.450	0.448	0.452	0.450	0.449
	1.000	0.996	1.004	1.001	1.000
	1.450	1.446	1.454	1.451	1.450
	1.696	1.692	1.700	1.697	1.696
	1.894	1.890	1.898	1.893	1.894
	2.000	1.996	2.004	1.999	1.999
	4.500	4.496	4.504	4.501	4.5001

(Units are in °)

## Certificate of Calibration

This certifies that the above product (s) was calibrated in compliance with ISO9001:2015 using applicable *Digi-Pas®* procedures. These calibration procedure and test points are those recommended in the procedure developed by *Digi-Pas®*.

The result of this Certificate of Calibration applies only to the item described above. All reported accuracy values are as measured with no reduction by the uncertainty of measurement. Measurement uncertainty is expressed at a confidence level of 95% (coverage factor  $k=2$ ).

**As Shipping Conditions:** At the completion of the calibration, measured values were In-Specification at the points tested.

**Traceability Information:** Supporting document related to traceability is available for review by appointment. This report shall not be reproduced except in full, without prior written approval of the calibration facility.

### Calibration Equipment Used:

#### Model Number

SH-240 S3

P3- KPI897803

GT-0401008

SB-283809

BG-516-946R-10

LL000076 & LL001230

#### Model Description

ESPEC -TAIBAI Temperature & Humidity Chamber

*Digi-Pas®* Reliability, Test & Evaluation Equipment

Mitutoyo Granite Table (Grade Zero)

Sine Bar

Mitutoyo Block Gauge (Grade Zero)

*Digi-Pas®* Precision Angle Jigs

Checked By: \_\_\_\_\_

QA Engineer



Authorized By: \_\_\_\_\_

Kuu  
Manager



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