

Calibration Report

Part Number :	SOLAR-2-30-2-RS232
Description :	Dual Axis Inclinometer, $\pm 30^\circ$, RS232 interface
Accuracy @ 20°C :	$\pm 0.03^\circ$
Serial Number :	287442
Date :	11/08/2026

Calibration Test - Readings in Degrees

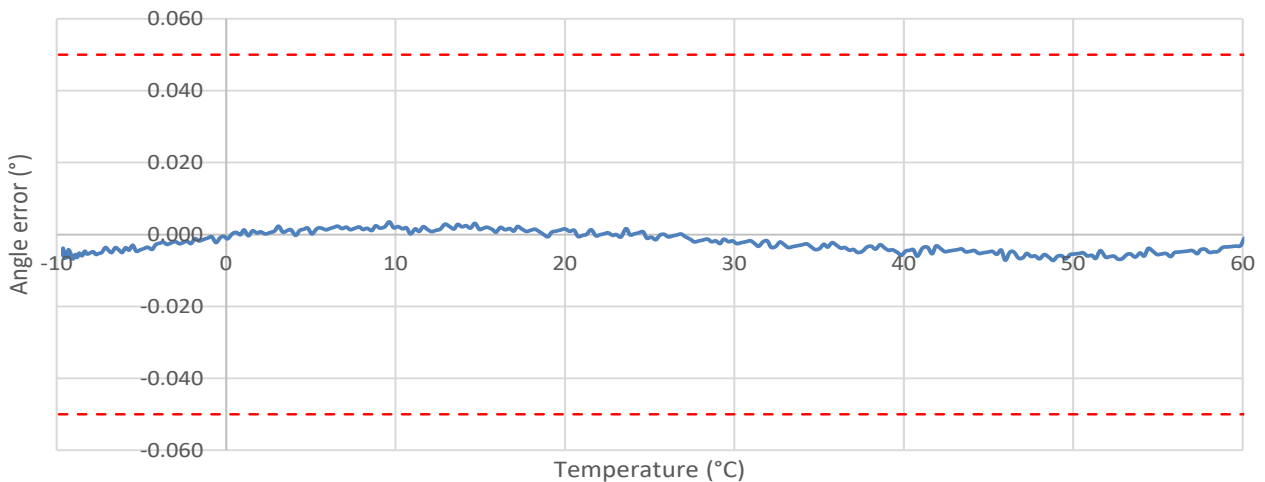
		Y Axis				
Angle		-30.00	-15.00	0.00	15.00	30.00
X Axis	-30.00	-30.005		0.000		29.972
		-29.996		-30.008		-29.994
	-15.00		-14.997	0.000	14.998	
			-14.999	-15.002	-14.999	
	0.00	-30.007	-15.000	-0.001	14.998	29.999
		0.000	0.000	0.000	0.001	0.000
	15.00		-14.998	0.000	14.998	
			15.000	15.001	14.999	
	30.00	-30.005		0.000		29.970
		29.993		30.007		29.988
Test Voltage :				12Vdc		
Measurement taken by :				Ritchard		

Temperature Compensation Report

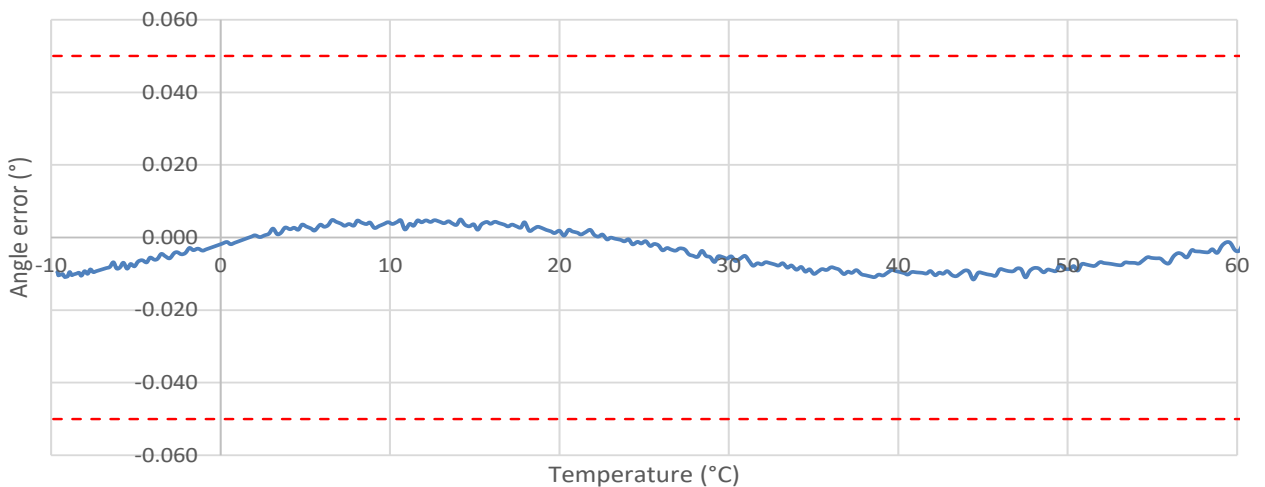
Part Number :	SOLAR-2-30-2-RS232
Description :	Dual Axis Inclinometer, $\pm 30^\circ$, RS232 interface
Accuracy -10° to 60°C	$\pm 0.05^\circ$
Serial Number :	287442
Date :	11/08/2026

Zero Bias Temperature Calibration Test Results

X Axis Zero Bias Temperature Drift



Y Axis Zero Bias Temperature Drift



Test Voltage :	12Vdc
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