



Certificate Of Calibration



Issued By Micron Metrology 2000 Limited

Date of issue: 08 July 2011

Certificate Number 19031 U

0720

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Approved Signatory

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Certificate Issued to:
TARAX TECHNOLOGY LIMITED
FIRST FLOOR
OFFICE 2
10 PANMURE STREET
DUNDEE
DD1 2BW

Order Number: CAL-280611

Date Received: 06 July 2011

Description: DIGITAL INCLINOMETER

Manufacturer: DIGI-PAS

Model Number: DWL-280

Serial Number: SNA16F11118

Range 90

Unit: Degrees

Basis of Test: MANUFACTURERS SPECIFICATION

Procedure Used: LPM 4 - 11

Calibration Date: 08 July 2011

Temperature 20 $\pm 1^{\circ}$ C

Calibration Result: PASS

Relative Humidity 50 ± 10 RH

Method:

This instrument was allowed to stabilise in a controlled environment for a period of time exceeding 24 hours.

It was then calibrated by comparison to angle gauge blocks using a sine table.

The instrument readings were allowed to stabilise before readings were taken.

The uncertainties shown relate only to the measured values during the calibration & do not carry any implication as to the long term stability of the instrument.

Calibration Notes

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k, providing a level of confidence of approximately 95%.
The uncertainty evaluation has been carried out in accordance with UKAS requirements.

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories.
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Serial Number: SNA16F11118

<u>LEFT</u>	<u>Nominal Size</u>	<u>Lower Limit</u>	<u>Upper Limit</u>	<u>As Found</u>	<u>Uncertainty Units</u>	
	0.00	-0.05	0.05	0.00	0.017	Degrees
	9.00	8.80	9.20	8.95	0.017	Degrees
	15.00	14.80	15.20	14.90	0.017	Degrees
	27.00	26.80	27.20	26.85	0.017	Degrees
	36.00	35.80	36.20	35.85	0.017	Degrees
	44.00	43.80	44.20	43.80	0	Degrees
	90.00	89.80	90.20	89.85	0.017	Degrees

<u>ZERO</u>	<u>Nominal Size</u>	<u>Lower Limit</u>	<u>Upper Limit</u>	<u>As Found</u>	<u>Uncertainty Units</u>	
Repeatability	0.00	-0.05	0.05	0.00	0.017	Degrees

<u>RIGHT</u>	<u>Nominal Size</u>	<u>Lower Limit</u>	<u>Upper Limit</u>	<u>As Found</u>	<u>Uncertainty Units</u>	
	0.00	-0.20	0.20	0.00	0.017	Degrees
	9.00	8.80	9.20	8.95	0.017	Degrees
	15.00	14.80	15.20	14.95	0.017	Degrees
	27.00	26.80	27.20	26.90	0.017	Degrees
	36.00	35.80	36.20	35.85	0.017	Degrees
	44.00	43.80	44.20	43.85	0	Degrees
	90.00	89.80	90.20	89.90	0.017	Degrees

<u>ZERO</u>	<u>Nominal Size</u>	<u>Lower Limit</u>	<u>Upper Limit</u>	<u>As Found</u>	<u>Uncertainty Units</u>	
Repeatability	0.00	-0.05	0.05	0.00	0.017	Degrees

Calibrated By:

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***** END *****

Standards Used To Calibrate Equipment

I.D.

00000002
00000149

Description

ANGLE GAUGE SET
SINE CENTER

Due Date

13/06/2012

Calibrated By:

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The uncertainty evaluation has been carried out in accordance with UKAS requirements.