

Certificate Of Calibration

Issued By Micron Metrology 2000 Limited

Date of issue: 05 October 2011

Certificate Number 23401 U



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Approved Signatory

D Hughes

C Monnington

G Whitehurst

Certificate Issued to:

TARAX TECHNOLOGY LIMITED

FIRST FLOOR

OFFICE 2

10 PANMURE STREET

DUNDEE

DD1 2BW

Order Number:

Date Received: 04 October 2011

Description: DIGITAL INCLINOMETER

Manufacturer: DIGI-PAS

Model Number: DWL-3000XY

Serial Number: 11A20409

Range 90

Unit: Degrees

Basis of Test: MANUFACTURERS SPECIFICATION

Procedure: LPM 4 - 11

Calibration Date: 05 October 2011

Temperature 20 ±1° 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 $k=2$, 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. This certificate may not be reproduced other than in full except with the prior written approval of the issuing laboratory.





Certificate Of Calibration

UKAS Accredited Calibration Laboratory No. 0720

Certificate Number

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Serial Number: 11A20409

<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	-0.01	0.01	0.00	0.017	Degrees
	9.00	8.99	9.01	9.00	0.017	Degrees
	15.00	14.97	15.03	14.99	0.017	Degrees
	27.00	26.97	27.03	26.99	0.017	Degrees
	36.00	35.97	36.03	35.98	0.017	Degrees
	44.00	43.97	44.03	43.98	0.017	Degrees
	90.00	89.97	90.03	89.97	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	-0.01	0.01	0.01	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	-0.01	0.01	0.00	0.017	Degrees
	9.00	8.99	9.01	9.00	0.017	Degrees
	15.00	14.97	15.03	15.00	0.017	Degrees
	27.00	26.97	27.03	27.00	0.017	Degrees
	36.00	35.97	36.03	35.99	0.017	Degrees
	44.00	43.97	44.03	43.99	0.017	Degrees
	90.00	89.97	90.03	89.97	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	-0.01	0.01	0.01	0.017	Degrees

Calibrated By:

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.





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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:

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.

