

# Certificate Of Calibration

Issued By Micron Metrology 2000 Limited

Date of issue: 14 February 2012

Certificate Number 30073 U



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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:

Date Received: 13 February 2012

Description: DIGITAL CLIP ON INCLINOMETER

Manufacturer: DIGI-PAS

Model Number: DWL-130

Serial Number:

Customer I.D.: N/M

Range 90

Unit: Degrees

Basis of Test: MANUFACTURERS SPECIFICATION

Procedure: LPM 4 - 11

Calibration Date: 14 February 2012

Temperature 20 ±1° C

Issue: 4

Calibration Result: PASS

Relative Humidity 50 ±10 RH

Modified: 19 December 2011

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  
30073 U

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Serial Number:

Customer I.D.: N/M

<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	0.05	0.05	Degrees
	9.00	8.80	9.20	9.00	0.05	Degrees
	15.00	14.80	15.20	15.00	0.05	Degrees
	27.00	26.80	27.20	27.00	0.05	Degrees
	36.00	35.80	36.20	35.95	0.05	Degrees
	44.00	43.80	44.20	43.90	0.05	Degrees
	90.00	89.95	90.05	89.95	0.05	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	0.05	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	-0.05	0.05	0.00	0.05	Degrees
	9.00	8.80	9.20	9.00	0.05	Degrees
	15.00	14.80	15.20	15.00	0.05	Degrees
	27.00	26.80	27.20	27.00	0.05	Degrees
	36.00	35.80	36.20	35.95	0.05	Degrees
	44.00	43.80	44.20	43.90	0.05	Degrees
	90.00	89.95	90.05	89.95	0.05	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	0.05	0.05	Degrees

\*\*\*\*\* END \*\*\*\*\*

### Standards Used To Calibrate Equipment

<u>I.D.</u>	<u>Description</u>
00000002	ANGLE GAUGE SET
00000149	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.

