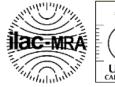
## **Certificate Of Calibration**

## **Issued By Micron Metrology 2000 Limited**

Date of issue: 17 May 2019 Certificate Number 56199/1J







Micron Metrology 2000 Limited

Eurolab House

Unit 10 Valepits Road

Garretts Green Industrial Estate

Birmingham, B33 0TD

O121 784 7498 + O121 783 6031 sales@micron-metrology.co.uk

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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: 30 April 2019

**Description:** PROFESSIONAL DIGITAL LEVEL

Manufacturer: DIGI-PAS Model Number: DWL680PRO

Serial Number: Customer I.D.: N/M Range 90 Unit: ° Resolution 0.05

Basis of Test: MANUFACTURERS SPECIFICATION Procedure: LPM 4 - 17

Calibration Date: 03 May 2019 Temperature 20 ±1 ° C Issue: 1

**Relative Humidity** < 50 % rh **Modified:** 

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 instrument was setup using the user calibration procedure prior to recording any results.

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**

Supplement to certificate number 56199 dated 3/5/2019

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 the SI system of units and/or to the units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes.

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 56199/1 U

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Serial Number: Customer I.D.: N/M

<u>LEFT</u>	Nominal Size	<u>Lower</u> <u>Limit</u>	<u>Upper</u> <u>Limit</u>	As Found	<u>Unit</u>
	0.00	-0.05	0.05	0.00	٥
	9.00	8.80	9.20	8.95	0
	15.00	14.80	15.20	15.00	0
	27.00	26.80	27.20	27.00	0
	36.00	35.80	36.20	36.00	0
	44.00	43.80	44.20	44.00	0
	90.00	89.95	90.05	90.00	0
Repeatabilty	0.00	-0.05	0.05	0.00	0
RIGHT	<u>Nominal</u> <u>Size</u>	<u>Lower</u> <u>Limit</u>	<u>Upper</u> <u>Limit</u>	As Found	<u>Unit</u>
RIGHT				As Found	<u>Unit</u> 。
RIGHT	Size	<u>Limit</u>	<u>Limit</u>		
RIGHT	<u>Size</u> 0.00	<u>Limit</u> -0.05	<u>Limit</u> 0.05	0.00	0
RIGHT	0.00 9.00	<u>Limit</u> -0.05 8.80	<u>Limit</u> 0.05 9.20	0.00 9.00	o o
RIGHT	<b>Size</b> 0.00 9.00 15.00	<u>Limit</u> -0.05 8.80 14.80	0.05 9.20 15.20	0.00 9.00 15.00	o o
RIGHT	9.00 9.00 15.00 27.00	Limit -0.05 8.80 14.80 26.80	0.05 9.20 15.20 27.20	0.00 9.00 15.00 27.00	o o o
RIGHT	9.00 9.00 15.00 27.00 36.00	Limit -0.05 8.80 14.80 26.80 35.80	0.05 9.20 15.20 27.20 36.20	0.00 9.00 15.00 27.00 36.05	o o o

Uncertainty of Measurement ± 0.1 °

**Standards Used To Calibrate Equipment** 

 LD.
 Description
 Due Date

 00000002
 ANGLE GAUGE SET
 02/07/2023

 00000149
 SINE CENTER

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

UKAS is one of the signatories to the Multilateral Agreement of the European co-operation for Accreditation (EA) for the mutual recognition of calibration certificates issued by accredited laboratories.

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.