

# CERTIFICATE OF CALIBRATION

ISSUED BY: **M K I S** CALIBRATION COMPANY

DATE OF ISSUE: 13 September 2012

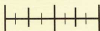
CERTIFICATE NUMBER: 2581



0236

## STANDARDS LABORATORY

# MKIS



Calibration Company

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Approved  
Signatories

*[Signature]*  
R Younger   
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Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	AT-6
Serial Number:	12078446
Order Number:	18535
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	10 September 2012
Date Calibrated:	13 September 2012

The instrument was kept in the laboratory environment for 2 Days, to allow the instrument to stabilise, prior to the tests being carried out.

The ambient temperature and relative humidity throughout the test was  $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$  and  $50\% \pm 20\%$  respectively.

The uncertainties reported refer to the applied values only with no account being taken of the instruments ability to maintain its calibration.

Remarks: No adjustments were made.

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UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2581

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Applied Value	Equivalent Value	Indicated Value
100.08 ms	599.52 RPM	599.5 RPM
60.010 ms	999.83 RPM	999.8 RPM
30.007 ms	1999.5 RPM	1999 RPM
14.992 ms	4002.1 RPM	4002 RPM
9.998 8 ms	6000.7 RPM	6001 RPM
5.999 8 ms	10 000.3 RPM	10 000 RPM
4.000 25 ms	14 999.1 RPM	14 999 RPM
3.000 16 ms	19 998.9 RPM	19 999 RPM

The measurement uncertainties were:

Time  $\pm 0.01\% + 1 \text{ LSD}$

END

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.