

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 13 September 2012

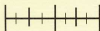
CERTIFICATE NUMBER: 2584



0236

## STANDARDS LABORATORY

# M K I S



Calibration Company

10 Potters Lane  
Kiln Farm

Milton Keynes  
MK11 3HE

Tel: 01908 568250  
Fax: 01908 564661

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Approved  
Signatories

R Younger   
C Kemp

Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	AT-6
Serial Number:	12078435
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: 2584

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Applied Value	Equivalent Value	Indicated Value
99.993 ms	600.04 RPM	600.0 RPM
59.995 ms	1000.08 RPM	1000 RPM
30.006 ms	1999.6 RPM	2000 RPM
15.003 ms	3999.2 RPM	3999 RPM
9.999 6 ms	6000.2 RPM	6000 RPM
6.000 10 ms	9 999.8 RPM	10 000 RPM
4.000 21 ms	14 999.2 RPM	14 999 RPM
3.000 07 ms	19 999.5 RPM	20 000 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.