

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 08 April 2009

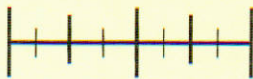
CERTIFICATE NUMBER: 2183



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:	ST 6236B
Serial Number:	05118373
Order Number:	16766
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	06 April 2009
Date Calibrated:	08 April 2009

The instrument was kept in the laboratory environment for 24 hours, 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 $50\% \pm 10\%$ 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

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Applied Value	Equivalent Value	Indicated Value
119.94 ms	500.25 RPM	500.2 RPM
59.774 ms	1003.7 RPM	1003 RPM
30.012 ms	1999.2 RPM	1999 RPM
14.998 ms	4000.5 RPM	4000 RPM
12.010 ms	4995.8 RPM	4996 RPM
9.990 2 ms	6005.9 RPM	6006 RPM
7.504 2 ms	7995.5 RPM	7995 RPM
5.998 2 ms	10 003.0 RPM	10 003 RPM
4.007 2 ms	14 973.0 RPM	14 973 RPM
3.001 24 ms	19 991.7 RPM	19 991 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.