

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 05 April 2007

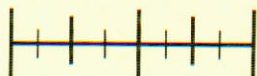
CERTIFICATE NUMBER: 1925



0236

## STANDARDS LABORATORY

# M K I S



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Approved  
Signatories

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Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	ST 6236B
Serial Number:	05118373
Order Number:	15742
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	04 April 2007
Date Calibrated:	05 April 2007

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
120.07 ms	499.70 RPM	499.7 RPM
60.045 ms	999.25 RPM	999.3 RPM
24.081 ms	2491.6 RPM	2491 RPM
11.993 ms	5002.9 RPM	5003 RPM
7.995 0 ms	7504.7 RPM	7505 RPM
6.001 8 ms	9997.0 RPM	9997 RPM
4.801 6 ms	12 495.8 RPM	12 495 RPM
3.986 4 ms	15 051.2 RPM	15 051 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.

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