

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 18 June 2014

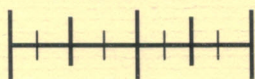
CERTIFICATE NUMBER: 2748



0236

## STANDARDS LABORATORY

# M K I S



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Approved  
Signatories

R Younger   
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Signature

Equipment Description:	Tachometer
Manufacturer:	Unknown
Type:	DT-2234 C
Serial Number:	S016229
Order Number:	19529
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	13 June 2014
Date Calibrated:	18 June 2014

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 and indicated values only with no account being taken of the instruments ability to maintain its calibration.

Remarks: No adjustments were made.

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Certificate Number: 2748

UKAS Accredited Calibration Laboratory No. 0236

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Applied Value	Equivalent Value	Indicated Value
100.008 ms	599.95 rpm	600.0 rpm
60.006 ms	999.9 rpm	1000 rpm
30.003 ms	1999.8 rpm	2000 rpm
15.001 5 ms	3999.6 rpm	3999 rpm
10.000 5 ms	5999.7 rpm	6000 rpm
6.000 12 ms	9 999.8 rpm	10 000 rpm
4.000 08 ms	14 999.7 rpm	15 000 rpm
3.000 09 ms	19 999.4 rpm	19 999 rpm
1.499 90 ms	40 002.0 rpm	40 002 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.