

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 18 June 2014

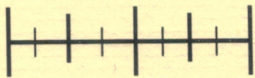
CERTIFICATE NUMBER: 2749



0236

STANDARDS LABORATORY

M K I S



Calibration Company

10 Potters Lane
Kiln Farm

Milton Keynes
MK11 3HE

Tel: 01908 568250
Fax: 01908 564661

Page 1 of 2 pages

Approved
Signatories

R Younger
C Kemp

Signature

Equipment Description:	Tachometer
Manufacturer:	Unknown
Type:	DT-2234 C
Serial Number:	S016185
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.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2749

PAGE 2 OF 2 PAGES

Applied Value	Equivalent Value	Indicated Value
100.006 ms	599.96 rpm	600.0 rpm
60.004 ms	999.9 rpm	1000 rpm
29.997 ms	2000.2 rpm	2000 rpm
15.000 5 ms	3999.9 rpm	4000 rpm
9.999 8 ms	6000.1 rpm	6000 rpm
6.000 10 ms	9 999.8 rpm	10 000 rpm
4.000 13 ms	14 999.5 rpm	14 999 rpm
2.999 95 ms	20 000.3 rpm	20 000 rpm
1.500 07 ms	39 998.1 rpm	39 998 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.