

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 29 October 2009

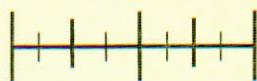
CERTIFICATE NUMBER: 2270



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:	Stroboscope
Manufacturer:	Orbital
Type:	Strobe Meter
Serial Number:	L290609
Order Number:	17035
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	26 October 2009
Date Calibrated:	28 October 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 $50\% \pm 20\%$ 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

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Range	Setting RPM	Measured Value	Equivalent RPM
Lo	199.7 RPM	300.48 ms	199.68 RPM
	400.1 RPM	149.96 ms	400.11 RPM
	599.8 RPM	100.03 ms	599.82 RPM
	801.0 RPM	74.906 ms	801.00 RPM
	1001 RPM	59.937 ms	1001.0 RPM
Hi	999.4 RPM	60.035 ms	999.42 RPM
	2005 RPM	29.924 ms	2005.1 RPM
	3999 RPM	15.004 ms	3998.9 RPM
	6000 RPM	10.001 ms	5999.4 RPM
	8002 RPM	7.498 5 ms	8001.6 RPM
	9997 RPM	6.001 8 ms	9997.0 RPM

The measurement uncertainties were:

Frequency $\pm 0.01\% + 1 \text{ L.S.D.}$