

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 03 November 2010

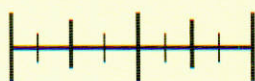
CERTIFICATE NUMBER: 2388



0236

## STANDARDS LABORATORY

# M K I S



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Approved  
Signatories

R Younger   
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Signature

Equipment Description:	Stroboscope
Manufacturer:	RS
Type:	Strobe Meter
Serial Number:	C 88924
Order Number:	17035
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	29 October 2010
Date Calibrated:	03 November 2010

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 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: 2388

UKAS Accredited Calibration Laboratory No. 0236

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Range	Setting RPM	Measured Value	Equivalent RPM
Lo	200.0 RPM	299.90 ms	200.06 RPM
	400.1 RPM	149.95 ms	400.13 RPM
	600.0 RPM	99.987 ms	599.99 RPM
	800.0 RPM	74.992 ms	800.08 RPM
	999.8 RPM	60.005 ms	999.92 RPM
Hi	1500 RPM	39.993 ms	1500.3 RPM
	2001 RPM	29.985 ms	2001.0 RPM
	3999 RPM	15.003 ms	3999.2 RPM
	6004 RPM	9.9925 ms	6004.5 RPM
	8001 RPM	7.498 3 ms	8001.8 RPM
	9997 RPM	6.001 1 ms	9998.2 RPM

The measurement uncertainties were:

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

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