

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 20 December 2011

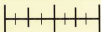
CERTIFICATE NUMBER: 2515



0236

STANDARDS LABORATORY

M K I S



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Approved
Signatories

R Younger
C Kemp

Signature

Equipment Description:	Stroboscope
Manufacturer:	R S
Type:	Strobe Meter
Serial Number:	C88924
Order Number:	18168
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	14 December 2011
Date Calibrated:	19 December 2011

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.

ENGINEERS REPORT

Certificate No: 2515 **Customer :** DJB Labcare
Date of Issue: 20-12-11 **Instrument Type:** RS Strobe Meter
Serial Number: C88924

CAUTION

Extended continuous use on the high range causes strobe to get very hot

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UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 2515

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Range	Setting RPM	Measured Value	Equivalent RPM
Lo	200.0 RPM	299.90 ms	200.06 RPM
	400.0 RPM	150.00 ms	400.00 RPM
	600.0 RPM	100.02 ms	599.88 RPM
	800.0 RPM	74.992 ms	800.08 RPM
	100 RPM	59.997 ms	1000.5 RPM
Hi	1500 RPM	39.990 ms	1500.3 RPM
	2000 RPM	29.990 ms	2000.6 RPM
	4000 RPM	15.002 ms	3999.4 RPM
	6000 RPM	10.001 ms	5999.4 RPM
	8000 RPM	7.500 2 ms	7999.7 RPM
	10 000 RPM	5.997 2 ms	10 004 RPM

The measurement uncertainties were:

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