

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 16 April 2007

CERTIFICATE NUMBER: 1927



0236

## STANDARDS LABORATORY



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Approved Signatories R Younger   
C Kemp

Signature

Equipment Description:	Stroboscope
Manufacturer:	Solex
Type:	N/A
Serial Number:	L290609
Order Number:	Verbal
Customer:	DJB Labcare Limited
Location:	Newport Pagnell
Date Received:	10 April 2007
Date Calibrated:	12 April 2007

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  $50\% \pm 10\%$  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	Indicated Value RPM	Measured Value	Equivalent Value
Lo	200.0 RPM	300.19 ms	199.87 RPM
	400.0 RPM	150.05 ms	399.86 RPM
	600.0 RPM	100.02 ms	599.88 RPM
	800.0 RPM	75.01 ms	799.89 RPM
	1000 RPM	60.001 ms	999.85 RPM
Hi	1000 RPM	60.006 ms	999.90 RPM
	2000 RPM	29.998 ms	2000.13 RPM
	4000 RPM	14.999 6 ms	4000.10 RPM
	6000 RPM	9.999 8 ms	6000.12 RPM
	8000 RPM	7.499 9 ms	8000.10 RPM
	10 000 RPM	5.999 9 ms	10000.16 RPM

The measurement uncertainties were:

Frequency  $\pm 0.01\% + 1 \text{ L.S.D.}$  (of setting)