

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 11 April 2006

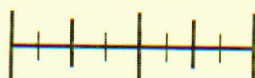
CERTIFICATE NUMBER: 1802



0236

STANDARDS LABORATORY

M K I S



Calibration Company

Unit 4, Furtho Court
Towcester Road

Old Stratford
Milton Keynes
MK19 6AQ

Tel: 01908 568250
Fax: 01908 564661

Page 1 of 2 pages

Approved
Signatories

R Younger ☒
C Kemp ☐

Signature

Equipment Description:	Stroboscope
Manufacturer:	Lutron
Type:	Strobe
Serial Number:	L290609
Order Number:	15267
Customer:	DJB Labcare Limited
Location:	Newport Pagnell
Date Received:	08 April 2006
Date Calibrated:	11 April 2006

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.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236

Certificate Number: 1802

PAGE 2 OF 2 PAGES

Range	Setting	Measured Time	Equivalent Value
Lo	200.1 RPM	299.90 ms	200.07 RPM
	400.8 RPM	149.715 ms	400.76 RPM
	600.3 RPM	99.975 ms	600.15 RPM
	800.6 RPM	74.946 ms	800.57 RPM
	1001 RPM	59.977 ms	1000.38 RPM
Hi	1001 RPM	59.920 ms	1001.33 RPM
	2001 RPM	29.976 ms	2001.60 RPM
	3996 RPM	15.014 2 ms	3996.22 RPM
	5990 RPM	10.017 4 ms	5989.57 RPM
	8008 RPM	7.492 0 ms	8008.54 RPM

The measurement uncertainties were:

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

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.