

M K I S



Calibration Company

Milton Keynes Instrumentation Services
10 Potters Lane
Kiln Farm
Milton Keynes
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MK11 3HE

Tel: 01908 568250
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CERTIFICATE OF CALIBRATION

CERTIFICATE NO: 34756

DATE OF ISSUE: 28.10.08

Customer:	DJB Labcare Limited	Order Number:	16545
Location:	Milton Keynes	Serial Number:	06019433
Instrument Type:	Standard ST6234B Tachometer	Adjustment Required:	No

All measurements were made using equipment whose values are referenced directly or by approved radiometric procedures to laboratory standards whose values are traceable to National Standards.

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 calibration was carried out in accordance with the general requirements of BS EN ISO/IEC 17025: 2005.

This is to certify that the above listed instrument meets or exceeds as defined by our established calibration procedures, the published manufacturers specification.

The uncertainties refer to the applied and measured values only with no account taken of the instrument's ability to maintain its calibration.

The uncertainties did not exceed:

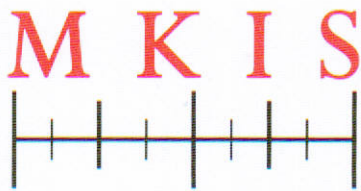
Frequency $\pm 0.1 \text{ PPM} + 1 \text{ L.S.D.}$

The calibration procedures used was MKIP 233.

The frequency was derived from the Rugby 60 kHz transmission.

Signed:

Uncertainties are for a confidence probability of not less than 95%.



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TEST RESULTS

Certificate No.: 34756 **Customer :** DJB Labcare Limited
Date of Issue: 28.10.08 **Instrument Type:** Standard ST6234B Optical Tachometer
Serial Number: 06019433

Applied Time	Equivalent Value	Indicated Value
120.04 ms	499.98 RPM	500.0 RPM
60.002 ms	999.97 RPM	1 000 RPM
30.005 ms	1 999.7 RPM	2 000 RPM
20.007 ms	2 998.9 RPM	2 999 RPM
15.003 ms	3 999.2 RPM	3 999 RPM
12.006 ms	4 997.5 RPM	4 998 RPM
9.999 7 ms	6 000.2 RPM	6 000 RPM
8.572 5 ms	6 999.1 RPM	6 999 RPM
7.500 9 ms	7.999.1 RPM	7 999 RPM
6.000 7 ms	9 998.8 RPM	9 999 RPM
2.999 4 ms	20 004.0 RPM	20 004 RPM
1.5003 ms	39 992.0 RPM	39 992 RPM
1.000 11 ms	59 993.4 RPM	59 993 RPM
750.032 us	819 996.5 RPM	79 997 RPM
606.012 us	99 007.9 RPM	99 008 RPM