

Calibration Company

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

Tel: 01908 568250
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CERTIFICATE OF CALIBRATION

CERTIFICATE NO: 34534

DATE OF ISSUE: 16.09.08

Customer:	DJB Labcare Limited	Order Number:	16504
Location:	Milton Keynes	Serial Number:	06019415
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 $\pm 0.1 \text{ PPM} + 1 \text{ L.S.D.}$

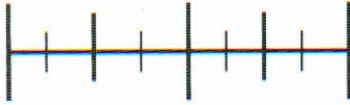
The calibration procedures used was MKIP 233.

The frequency was derived from the Rugby 60 kHz transmission.

Signed:

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

M K I S



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TEST RESULTS

Certificate No.: 34534 **Customer :** DJB Labcare Limited
Date of Issue: 16.09.08 **Instrument Type:** Standard ST6234B Optical Tachometer
Serial Number: 06019415

Applied Time	Equivalent Value	Indicated Value
120.00 ms	500.00 RPM	500.0 RPM
60.003 ms	999.95 RPM	1 000 RPM
29.998 ms	2 000.0 RPM	2 000 RPM
20.013 0 ms	2 998.1 RPM	2 998 RPM
15.001 2 ms	3 999.7 RPM	4 000 RPM
11.998 5 ms	5 000.6 RPM	5 001 RPM
10.003 3 ms	5 998.0 RPM	5 998 RPM
8.571 9 ms	6 999.6 RPM	6 999 RPM
7.498 5 ms	8 001.6 RPM	8 002 RPM
6.001 9 ms	9 996.8 RPM	9 997 RPM
2.999 20 ms	20 005.3 RPM	20 006 RPM
1.499 94 ms	40 001.5 RPM	40 003 RPM
1.000 01 ms	59 999.4 RPM	60 000 RPM
749.550 us	80 046.0 RPM	80 048 RPM
606.020 us	99 007 0 RPM	99 005 RPM