

# CERTIFICATE OF CALIBRATION

Issued By Combined Precision Components Plc

Date of Issue 09 October 2007

Certificate Number  
CPC34941

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Approved Signatory

A.Foster     L.Willis     P.Stevens     D.Berkley     N.Harrison

**Customer :** DJB1217 DJB LAB CARE  
20 HOWARD WAY, INTERCHANGE PARK  
NEWPORT PAGNALL, BUCKS MK16 9QS

Date Received : 09 October 2007

<b>Instrument -</b>	System ID :	S4B06019419	Job Number :	0005067
	Description :	Tachometer		
	Manufacturer :	Standard		
	Model Number :	ST6234B		
	Serial Number :	06019419		
	Procedure Version :	GG3		

## Environmental Conditions

Temperature : 20°C +/- 3°C  
Relative Humidity : 50% +/- 10%

Mains Voltage : 240V +/- 10V  
Mains Frequency : 50Hz +/- 1Hz

## Comments

Instrument was placed in lab and allowed to stabilise before calibration.

All Tests Passed calibration.

## Traceability Information

<i>Instrument description</i>	<i>Serial number</i>	<i>Certificate number</i>	<i>Cal. Date</i>	<i>Cal. Period</i>
5500 Multifunction Calibrator	718509	11092	26/02/2007	52

Calibrated By : N.Harrison

Date of Calibration : 09 October 2007

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.  
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This certificate complies with the requirements of B.S.5781, part 1 1992. (ISO 10012 - 1 1992).

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
Display Ok	---	---	Pass	
RPM/TOT Switch Ok	---	---	Pass	
Measure Button Ok	---	---	Pass	
MEM Button Ok	---	---	Pass	
<b>Opto-Coupler Tests</b>				
RPM	1.5rpm	1 000rpm	1 000rpm	Pass
..	2rpm	2 000rpm	2 000rpm	Pass
..	2.5rpm	3 000rpm	3 000rpm	Pass
..	3rpm	4 000rpm	4 000rpm	Pass
..	3.5rpm	5 000rpm	5 000rpm	Pass
..	4rpm	6 000rpm	6 000rpm	Pass
..	4.5rpm	7 002rpm	7 002rpm	Pass
..	5rpm	7 998rpm	7 998rpm	Pass
..	5.5rpm	9 000rpm	8 999rpm	Pass
..	6rpm	10 002rpm	10 001rpm	Pass
..	8.5rpm	15 000rpm	14 999rpm	Pass
..	11rpm	19 998rpm	19 998rpm	Pass
..	13.5rpm	25 002rpm	25 003rpm	Pass
..	16rpm	30 000rpm	29 999rpm	Pass
..	21rpm	40 002rpm	40 005rpm	Pass
..	31rpm	60 000rpm	60 000rpm	Pass
..	46rpm	90 000rpm	89 998rpm	Pass

## Uncertainties

RPM : 0.001%