

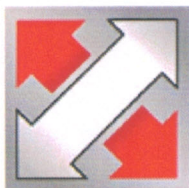
# CERTIFICATE OF CALIBRATION

Issued By Milton Keynes Instrumentation Services Ltd. Certificate Number C3224

Date of Issue 24 September 2019



0236



**Milton Keynes Instrumentation Services Ltd.**  
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Approved Signatory

C.Kemp

R.Younger

A.J.Cox

**Customer :** DJB Labcare  
Unit 12, Cromwell Business Park  
Newport Pagnell Buckinghamshire MK16 9QS

Date Received : 19 September 2019

<b>Instrument -</b>	System ID :	11119364	Job Number :	4600-2
	Description :	STANDARD TACHOMETER	Ref. Number :	11119364
	Manufacturer :	/	Site :	
	Model Number :	AT-6	Location :	
	Serial Number :	11119364		
	Procedure Version :	1123v01/N		

## Environmental Conditions

Temperature : 20°C +/- 2°C  
Relative Humidity : 50% +/- 15%

Mains Voltage : 230V +/- 10V  
Mains Frequency : 50Hz +/- 1Hz

## Comments

All measurements traceable to national standards  
Unit tested to manufacturers specification

## Calibration Information

The instrument was calibrated against laboratory standards whose values are traceable to recognised National Standards. The uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

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.

Calibrated By : A.J.Cox

Date of Calibration : 24 September 2019

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

# CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236  
**AS FOUND RESULTS**

Certificate Number  
C3224

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Test Title	Applied Value	Reading	Uncertainties
<b>R.P.M</b>			
100.085ms	600.0rpm	600.1rpm	0.1Rpm
59.994ms	1 000.1rpm	1 000.1rpm	0.1Rpm
30.004ms	1 999.7rpm	2 000.0rpm	0.1Rpm
15.0007ms	3 999.8rpm	4 000.0rpm	0.1Rpm
10.0004ms	5 999.7rpm	6 000.0rpm	0.1Rpm
6.00008ms	10 000rpm	10 000rpm	0.1Rpm
4.00005ms	15 000rpm	15 000rpm	0.1Rpm
2.99984ms	20 001rpm	20 000rpm	0.1Rpm

**End of Results**