

CERTIFICATE OF CALIBRATION

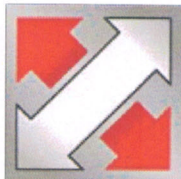
Issued By Milton Keynes Instrumentation Services

Certificate Number C3227

Date of Issue 02 October 2019



0236



Milton Keynes Instrumentation Services Ltd.
10 Potters Lane,
Kiln Farm,
Milton Keynes, MK11 3HE
Tel 01908 568250 E: info@mkiscal.co.uk

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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 : 01 October 2019

Instrument :	System ID :	140422841	Job Number :	4622-2
	Description :	STANDARD TACHOMETERS	Ref. Number :	140422841
	Manufacturer :	/	Site :	
	Model Number :	AT-6	Location :	
	Serial Number :	140422841		
	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 : 02 October 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.

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UKAS Accredited Calibration Laboratory No. 0236
AS FOUND RESULTS

Certificate Number
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Test Title	Applied Value	Reading	Uncertainties
R.P.M			
100.085ms	600.0rpm	600.0rpm	±0.1Rpm
59.994ms	1 000.1rpm	1 000.0rpm	±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	9 999rpm	±0.1Rpm
4.00005ms	15 000rpm	14 999rpm	±0.1Rpm
2.99984ms	20 001rpm	20 000rpm	±0.1Rpm
2.40005ms	25 001rpm	25 000rpm	±0.1Rpm
2.00005ms	30 000rpm	29 999rpm	±0.1Rpm

End of Results