

CERTIFICATE OF CALIBRATION

Issued By Pullman Instruments (UK) Ltd
Date of Issue 06 November 2019

Certificate Number C3234



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Page 1 of 2 Pages

Approved Signatory

C.Kemp R.Younger A.J.Cox

Customer : DJB Labcare
20 Howard Way. Cromwell Business Centre, Interchange Park
Newport Pagnell MK16 9QS

Date Received : 29 October 2019

Instrument -	System ID :	12078449	Job Number : M4716-2
	Description :	Digital Tachometer	Ref. Number : 12078449
	Manufacturer :	STANDARD	Site :
	Model Number :	AT-6	Location :
	Serial Number :	12078449	Last Certificate Number : 5751
	Procedure Version :	1123v01/N	Last Calibration Date : 01/08/2019

Environmental Conditions

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

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

Comments

The Instrument was allowed to stabilise for 12 hours prior to calibration

All measurements traceable to national standards

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 : 06 November 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

Page 2 of 2 Pages

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	5 999.9rpm	0.1Rpm
6.00008ms	10 000rpm	10 000rpm	0.1Rpm
4.00005ms	15 000rpm	15 000rpm	0.1Rpm
2.99984ms	20 001rpm	20 001rpm	0.1Rpm
2.40005ms	25 001rpm	25 001rpm	0.1Rpm
2.00005ms	30 000rpm	30 000rpm	0.1Rpm

End of Results