

# CERTIFICATE OF CALIBRATION

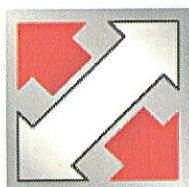
Issued By Pullman Instruments (UK) Ltd

Certificate Number C3259

Date of Issue 20 November 2020



0236



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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 : 17 November 2020

<b>Instrument -</b>	System ID :	12078435	Job Number :	M5025-1
	Description :	Tachometer	Ref. Number :	12078435
	Manufacturer :	Standard	Site :	
	Model Number :	AT-6	Location :	
	Serial Number :	12078435	Last Certificate Number :	C3236
	Procedure Version :	1123v01/N	Last Calibration Date :	06/11/2019

## Environmental Conditions

Temperature :	20°C +/- 2°C	Mains Voltage :	230V +/- 10V
Relative Humidity :	50% +/- 15%	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 :** 20 November 2020

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  
C3259

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Test Title	Applied Value	Reading	Uncertainties
<b>R.P.M</b>			
100.085ms	600.0rpm	599.9rpm	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	3 999.0rpm	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
2.40005ms	25 001rpm	25 000rpm	0.1Rpm
2.00005ms	30 000rpm	30 000rpm	0.1Rpm

## **End of Results**

**The results only relate to the item calibrated.**