CERTIFICATE OF CALIBRATION ISSUED BY: CALIBRATION MAINTENANCE & REPAIR LTD

DATE OF ISSUE: 4 October 2023

23 CERTIFICATE NUMBER: 1150888





Unit 5 Octavian Way Team Valley Trading Estate Gateshead NE11 0HZ

Tel: +44 (0)191 4875951

CUSTOMER			
DJB LABCARE LTD	MANUFACTURERSTANDARDENTREDESCRIPTIONTACHOMETER OPTICAL		
UNIT 12 HOWARD WAY CROMWELL BUSINESS CENTRE NEWPORT PAGNELL BUCKINGHAMSHIRE MK16 9QS UNITED KINGDOM	DESCRIPTION	TACHOMETER OPTICAL	
	MODEL	AT-6	
	SERIAL No.	200552102	
	IDENT No.	UNKNOWN.	
	DATE RECEIVED	2 OCTOBER 2023	
	DATE OF CALIBRATION	4 OCTOBER 2023	
	ORDER No.	NS23548	
INSTRUMENT CONDITION			
Adjustments Made	No		
Repairs Made	No		

ENVIRONMENT

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The instrument was placed in the Laboratory environment for a minimum period of 4 hours prior to calibration.

The ambient conditions were: 18 to 23°C and 45 %rh ± 15 %rh.

STABILITY

The results contained in this Certificate refer to the measurements made at the time of test and not to the instrument's ability to maintain calibration.

PROCEDURE

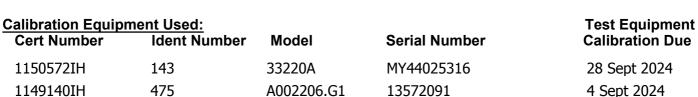
Measurements were performed in accordance with the in house Laboratory procedure No.1053

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k = 2, providing a coverage probability of approximately 95 %. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

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UKAS ACCREDITED CALIBRATION LABORATORY No. 0654



Notes:

Results relate only to the items calibrated.



28 Sept 2024 4 Sept 2024

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UKAS ACCREDITED CALIBRATION LABORATORY No. 0654

RESULT SHEET 1053-NC-UKAS : STANDARD AT-6 OPTICAL TACHOMETER

AS FOUND

BATTERY REPLACED: NO

The Revolution Per Minute (RPM) was simulated using a precision Frequency Generator with an attached optical light source.

RPM

Range	Simulated	Indicated	Units	Indicated Deviation	Measurement Uncertainty ±
2 to	600.000	600.0	RPM	0.000	0.064
99999RPM	1000.00	1000	RPM	0.00	0.58
	2500.00	2500	RPM	0.00	0.58
	5000.00	5000	RPM	0.00	0.58
	7500.00	7500	RPM	0.00	0.58
	9999.91	10000	RPM	0.09	0.58
	14999.58	15000	RPM	0.42	0.58
	19999.32	20000	RPM	0.68	0.58
	24999.04	25000	RPM	0.96	0.58
	29998.74	30000	RPM	1.26	0.58

Manufacturer stated Accuracy: ±(0.05%+1 digit)

COMMENTS:

TEST ENGINEER: M Foy

DATE: 04th October 2023



