CERTIFICATE OF CALIBRATION

ISSUED BY: **CALIBRATION MAINTENANCE & REPAIR LTD**

DATE OF ISSUE: 16 October 2025 CERTIFICATE NUMBER: **1188933**

0654

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Approved Signatory
Electronically Authorised Document

- ☐ P K CLARK
- ☐ R J WADE
- ☐ M A FROST
- ☒ M S PARDOE
- ☐ R LOMAX
- ☐ J FRYER
- ☐ M FOY

CUSTOMER

DJB LABCARE LTD
UNIT 12 HOWARD WAY
CROMWELL BUSINESS CENTRE
NEWPORT PAGNELL
BUCKINGHAMSHIRE
MK16 9QS
UNITED KINGDOM

MANUFACTURER	**STANDARD**
DESCRIPTION	**TACHOMETER OPTICAL**
MODEL	**AT-6**
SERIAL No.	**200552102**
IDENT No.	**UNKNOWN.**
DATE RECEIVED	**10 OCTOBER 2025**
DATE OF CALIBRATION	**15 OCTOBER 2025**
ORDER No.	**NS24352**

INSTRUMENT CONDITION

Adjustments Made	No
Repairs Made	No

ENVIRONMENT

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.

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. 0654

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Calibration Equipment Used:

Cert Number	Ident Number	Model	Serial Number	Test Equipment Calibration Due
1187001IH	143	33220A	MY44025316	29 Sep 2026
1149140IH	475	A002206.G1	13572091	3 Sep 2026

Notes:
Results relate only to the items calibrated.

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RESULT SHEET 1053-NC-UKAS-44 : 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 99999RPM	600.000	600.0	RPM	0.000	0.064
	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
	9999.89	10000	RPM	0.11	0.58
	14999.57	15000	RPM	0.43	0.58
	19999.33	20000	RPM	0.67	0.58
	24998.98	25000	RPM	1.02	0.58
	29998.70	30000	RPM	1.30	0.58

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

COMMENTS:

TEST ENGINEER: M Foy **DATE: 15th October 2025**