RK Technologies

Calibration and Validation Services

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Calibration of Electro Technical, Thermal, Pressure, Dimensional, Volume, Sound & RPM Parameters.

NABL ACCREDITED LABORATORY
ISO / IEC 17025 : 2017

CC-2497

CALIBRATION CERTIFICATE

Calibration Item	Digital Techometer	Certificate No	RK/24/27-01

Date of Reciept	Date of Calibration	Next Recommended Due Date	Cerificate Issue Date	Page No
25/01/2024 Through Challan No- 310	27 January 2024	26 January 2025	28 January 2024	01 of 01

I. Customer Name & Address	**M/S. Shahbazker's Diagnostic PVT LTD** **Oxford centre, 1st floor, Above Camy waffer, Near colaba market, 10 shroff street, colaba Mumbai- 400005** **Customer Reference Through: M/S. GLOBAL TECHNICAL SERVICES**

II. Description of Item Under Calibration :

Instrument Sr. No	007665	Range	5 to 99999
Make	Electronic Automation Pvt Ltd	Resolution	0.1 rpm/1rpm
Model	DT 2001B	Location	-

III Environment Condition :

Temperature	25°C ± 4°C	Work Instruction No	RK-WI - 35 / Discipline : Speed
Relative Humidity	30 % to 75 % RH	Conditioned of Reciept Item	Good
Location Of Calibration	In Lab		
ULR NO.	CC249724000000165F		

IV. Detail of Refrence Stanadard used for calibration (Traceable To National / International Standard)

Instrument Name	ID No	Traceability (Cert No)	Date of Calibration	Valid upto	Traceability
Digital Tachometer	RK-STD-25	NI2023/08/0018	04 August 2023	3 August 2024	NABL, CC-2294

V: Calibration Result : Non Contact Mode

Calibration Points	Measured Standard Value	UUC Reading	Error	± Expanded Uncertainty
rpm	rpm	rpm	rpm	Unit : % rdg
10	10	10.0	0.0	2.6
1000	100	100.0	0.0	3.1
5000	4998	4999	1.0	5.5
10000	9997	9999	2.0	8.5
30000	29995	29998	3.0	20.5
50000	49993	49998	5.0	32.5
90000	89992	89998	6.0	56.5

The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for normal distribution

VI : Note:

1) UUC stands for Unit Under Calibration.
2) Next calibration date (1 Year) mentioned in the certificate is given as per customer request
3) This certificate refers only to the particular item submitted for calibration
4) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "RK Technologies, Nashik".
5) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement

RK TECHNOLOGIES NASHIK 422010

Calibrated By
Mr. Yogesh Berad
Calibration Engineer

Review & Approved By
Mr. Rahul Kasture
Technical Manager

********** End of Report **********