



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

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CC-2146

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF LABORATORY CENTRIFUGE

Certificate No:	21900000406	Issued On:	06/02/2021
ULR No:	CC214621900000406F	Calibration Date:	04/02/2021
Job Identification No:	ICS/C/AS/02/406	Next Calibration Date:	03/02/2022
Ref. No:	SRF- Dated: 04/02/2021		

CALIBRATED FOR:	M/s Tomar Foundation Pathology Lab. 17-A, PKT-J, Mayur Vihar, Phase-1, Delhi-110091.
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EQUIPMENT DESCRIPTION

Name	RPM Measurement for Laboratory Centrifuge, With Speed Controlling Knob		
Make/Model	Remi / R-303	Visual Inspection	Ok
Serial No.	FPLC-7529	I.D. No.	CEN-01
Range	Up to 3500 RPM	Least Count	---
Location	---	Calibration Site	On-Site

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 2.0° C	Humidity	45 to 75 % RH
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STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)

Name of the Standard	Make	Certificate No.	Calibration Agency	Date of Calibration	Valid up to
Digital Tachometer	LUTRON/ DT-2234C	FCRI/EQL/19-20/051	FCRI, Palakkad	26/04/2019	26/04/2021

USED EQUIPMENT DETAILS Not Applicable

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-RPM01 (Measurement Method)

RESULTS: Mechanical Calibration MEASUREMENT: (in RPM)

CENTRIFUGE' KNOB POSITION	CORRECTED VALUE OF TACHOMETER READING (AVG.)	Uncertainty at approx 95% C.L and coverage factor k=2
Position # 1	1697	± 4
Position # 2	2023	± 5
Position # 3	2474	± 5
Position # 4	2780	± 5
Position # 5	3241	± 6

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

*****END OF REPORT*****

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 2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 3. Total liability of our Organisation is limited to the invoiced amount.
 4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

Authorised Signatory
RAJESH KAPOOR
Operation-Head



COMMERCIAL - IN - CONFIDENCE
FLUID CONTROL RESEARCH INSTITUTE, PALGHAT

An ISO 9001 Establishment
(A Govt. of India Project with UNDP Assistance)

Under Ministry of Heavy Industries & Public Enterprises
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Certificate No.: CC-2395

CERTIFICATE OF CALIBRATION

PRODUCT: DIGITAL TACHOMETER

CUSTOMER: INDIAN CALIBRATION SERVICES

LAXMI NAGAR, DELHI-110092

Certificate No.: FCR/EQL/19-20/051

Page 1 of 11 Pages

ULR No. : CC239519110000210F

Date of Receipt	Date of Calibration	Date of Issue	Recommended date for next calibration
26/04/2019	26/04/2019	29/04/2019	26/04/2021

P. Surendran
Deputy Director
APPROVED SIGNATORY

SUMMARY

One number of tachometer was calibrated in Non-contact mode up to 99985 rpm using the calibration facility available at FCRI for M/s. **INDIAN CALIBRATION SERVICES, LAXMI NAGAR, DELHI-110092**

Calibrated by

Sudheesh G

Report prepared by

Sudheesh G

Report checked by

Dhanya M P, SRE

All the instruments used are traceable to national standards through reference standards and their calibration are valid. Satisfactory test/calibration in no way implies that the product so tested or equipment calibrated is approved by NABL. Results presented in this report relate only to the items mentioned & calibrated at FCRI. This certificate shall not be reproduced except in full without written approval of FCRI. The uncertainties are for a confidence probability not less than 95%, unless specified otherwise.