

THE PIPETEMANN

NABL ACCREDITED CALIBRATION LABORATORY
ADDING ACCURACY TO YOUR EQUIPMENT

MASS - VOLUME - THERMAL - SPEED - PRESSURE - TIMER - ELECTRO TECHNICAL



CALIBRATION CERTIFICATE

Certificate no'	TPMCCMS2003002	Date of issue	09.03.2020
Job card no'	TPM463032040080	Page	1 of 2
Customer address: M/s. ERODE DIAGNOSTIC LABORATORY, NO.7, PALANIYAPPA STREET, OPP. TO KMCH SPECIALITY HOSPITAL, NEAR GOVERNMENT HOSPITAL ERODE - 638009. PH.NO : 0424-4271880/9789374880.			
Device under calibration (DUC) : CENTRIFUGE		Discipline : MECHANICAL CALIBRATION	
Unique Lab Report Number : ULR -CC231720000001150F		Parameter : ACCELERATION AND SPEED	
Make	REMI	Temperature	29.6 °C
Model no '	R - 8C	Humidity	55 % RH
Serial no '	-----	Receipt no '	9076
Id no '	ELCER001	Receipt date	06.03.2020
Range /Operating Range	100 rpm to 5250 rpm / 2000 rpm to 3000 rpm	Calibration date	06.03.2020
Resolution	10 rpm	Calibration due date	05.03.2021
Calibration at	ON SITE	Receiving condition	Good

METHOD OF CALIBRATION:

The method of calibration is based on our SOP No'. : TPMMLDSOP003 (Our SOP is made as per standard SANAS TR 45-1&2).

DETAILS OF MASTER EQUIPMENTS USED FOR CALIBRATION:

MASTER EQUIPEMENT'S NAME	SERIAL NUMBER	CERTIFICATE NUMBER	CALIBRATION VALIDITY	CALIBRATED BY	TRACEABILITY
Digital Tachometer	Q642988	RMTL/01/319100137-A1	03/04/2020	ROOTS	National Standards

NO. 22, FIRST FLOOR, PRASHANTHI NAGAR, K.R. PURAM, AVARAMPALAYAM ROAD, COIMBATORE - 641 006, TAMIL NADU, INDIA.
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CERT. NO. CC - 2317

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CALIBRATION RESULTS:

SL. NO'	RANGE (rpm)	STANDARD READING (rpm)	DUC READING (rpm)	DEVIATION (rpm)	UNCERTAINTY ($\pm\%$ rdg)	CMC (Approved by NABL) (% rdg)
1.	2000	2021	2050	29	0.75 % rdg	1.54 % rdg to 0.13 % rdg
2.	2300	2380	2360	-20	0.94 % rdg	1.54 % rdg to 0.13 % rdg
3.	2500	2580	2580	0	0.62 % rdg	1.54 % rdg to 0.13 % rdg
4.	2700	2776	2760	-16	0.74 % rdg	1.54 % rdg to 0.13 % rdg
5.	3000	3050	3070	20	0.70 % rdg	1.54 % rdg to 0.13 % rdg

The reported uncertainties are at Coverage factor $k = 2$ for effective degree of freedom = ∞ and the confidence level is 95%.

CALIBRATED BY

(R.JANARTHANAN)
DEPUTY TECHNICAL MANAGER

APPROVED BY

(K.BALAMAYURPRIYAN)
TECHNICAL MANAGER

DECLARATION:

The calibration certificate is issued for Centrifuge used for scientific or industrial purpose only.

REMARKS:

- 1.Master equipments used for calibration are traceable to National Standards
2. The calibration results reported are valid at the time of and under the stated conditions of the measurement
3. Results presented in this certificate relate only to the item mentioned & calibrated by **THEPIPETEMANN**
- 4.This certificate shall not be reproduced except in full without written approval of **THE PIPETEMANN**
- 5.The recalibration interval should be determine on the user requirements.
- 6.All precautions has been taken to avoid any error or omission while calibrating the Device under calibration and issuing the certificate.
7. DUC: Device under calibration, CMC : Calibration Measurement Capability.