

THE PIPETEMANN

NABL ACCREDITED CALIBRATION LABORATORY
ADDING ACCURACY TO YOUR EQUIPMENT

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



CERT. NO. CC - 2317

CALIBRATION CERTIFICATE

CUSTOMER ADDRESS: M/s. SRI BABA DIAGNOSTICS CENTRE, No.6,VELLAI CHETTY STREET, UTHIRAMERUR,KANCHIPURAM, CHENNAI-603406. PHONE NUMBER:9585318761	
DEVICE UNDER CALIBRATION : CENTRIFUGE	DISCIPLINE : MECHANICAL CALIBRATION
UNIQUE LAB REPORT NUMBER : ULR - CC231720000004097F	PARAMETER : ACCELERATION & SPEED
CERTIFICATE NO'. : TPMCCMS2012016	DATE OF ISSUE : 03.12.2020
RECEIPT NO'. : 9567	RECEIPT DATE : 03.12.2020
JOB CARD NO'. : TPM859122043027	JOB CARD DATE : 03.12.2020
MAKE : REMI	TEMPERATURE : 25.2 °C
MODEL NO' : R-8C	HUMIDITY : 70%RH
SERIAL NO'. : ZEKL-38436	AIR PRESSURE : 998 hpa
RANGE : UPTO 5250 rpm	STANDARDS REFERRED : A).SANAS TR 45-01:2008 B).SANAS TR 45-02:2017
RESOLUTION : 10rpm	CALIBRATION PROCEDURE No': MSP 7.2.1.1-6
CALIBRATED ON : 03.12.2020	CALIBRATION DUE ON : 02.12.2021
CALIBRATION LOCATION : ON-SITE	CONDITION OF DUC RECEIVED : GOOD
SCOPE OF ACCREDITATION – MECHANICAL – SPEED – CENTRIFUGE & STIRRER (100 rpm to 20000 rpm)	

METHOD OF CALIBRATION:

Based on SANAS TR 45-01:2008 & SANAS TR 45-02:2017 standard our calibration procedure is applied for centrifuge & stirrer Calibration.

DETAILS OF MASTER EQUIPMENTS USED FOR CALIBRATION:

MASTER EQUIPEMENT'S NAME	SERIAL NUMBER	CERTIFICATE NUMBER	CALIBRATION VALIDITY	CALIBRATED BY	TRACEABILITY
Digital Tacho Meter	Q642988	ULR- CC287920000002602F	05.06.2021	SANSEL, CHENNAI	NATIONAL STANDRDS

Page No. 1 of 2

THE PIPETEMANN

NABL ACCREDITED CALIBRATION LABORATORY
ADDING ACCURACY TO YOUR EQUIPMENT

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



CERT. NO. CC - 2317

CALIBRATION CERTIFICATE

CERTIFICATE NO'. : TPMCCMS2012016

CALIBRATION RESULTS:

SL. NO'	SET VALUE (rpm)	MEASURED VALUE (rpm)	DEVIATION (rpm)	UNCERTAINTY (rpm)	CMC (Approved by NABL) (% rdg)
1	500	499	-1	0.122% rdg	1.54% rdg to 0.13% rdg
2	1000	998	-2	0.063% rdg	1.54% rdg to 0.13% rdg
3	2000	1998	-2	0.018% rdg	1.54% rdg to 0.13% rdg
4	3600	3596	-4	0.018% rdg	1.54% rdg to 0.13% rdg
5	5000	4998	-2	0.018% 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

(M.VINOTH KUMAR)
CALIBRATION ENGINEER

APPROVED BY

(M.PALANISELVAN)
TECHNICAL DIRECTOR

DECLARATION:

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

REMARKS:

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

Page No. 2 of 2