



MEASURE TECHNO LAB
2, B.T. ROAD (JAYANTI CINEMA COMPLEX), BARRACKPORE,
KOLKATA - 700120, W.B.

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CC - 2545

CALIBRATION CERTIFICATE OF CENTRIFUGE

CALIBRATION CERTIFICATE NO.: MTL / BMC / R01 / 11 - 23

ULR - CC254523000038270F

Page: 1 of 1

1.0 Service Request No.: MTL / 10A / 11 / 23 - 24

1.1 Issued to: MOIC, ICTC (ANC),
Department of Gynae & Obstetrics,
Burdwan Medical College,
Purba Burdwan - 713104.

1.2 Description & Identification of item to be Calibrated:

a) Name:	Centrifuge	b) Code No.:	ICTC / ANC / BMCH / CF - 002
c) Sl. No.:	ZBFN - 14410	d) Make:	Remi
e) Model / Type:	R - 8C	f) Range:	5250 rpm
g) Sensor:	N.A.	h) Resolution:	10 rpm
i) End User:	ICTC ANC	j) Accuracy:	N.S.
k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 10-11-23
1.4 Physical Condition of DUC : OK
1.5 Date of calibration : 10-11-23
1.6 Recommended date of next calibration : 10-11-24
1.7 Date of Issue : 11-11-23

1.8 Environmental Conditions During Calibration: Temperature: 25 °C ± 2 °C
Humidity: 55 % RH ± 10 % RH

1.9 Method of Calibration: SOP / RPM / CF / 01

1.10 Traceability :

a) Standards used for calibration are traceable to National standards through NABL Accredited Laboratory.
b) The following standards / Equipment have been used.

i) Digital Tachometer Cal. Certificate No. JRPM - CF - 2023 - A&S - CSRF - 815 - C - 0016 (JRPM, Chennai) (Cal. Date: 08/07/23, Due Date: 07/07/24)

2.1 Result :

Mechanical Calibration: (Acceleration and Speed)

Sl. No.	Parameter/ Range	Nominal Value on DUC rpm	Std. Value Average of Five Readings rpm	Error rpm	Measurement Expanded Uncertainty ± rpm
1.		1180	1181.2	-1.2	5.99
2.	Rotation	2500	2502.6	-2.6	
3.	5250 rpm	3000	3003.1	-3.1	
4.		4190	4193.8	-3.8	
5.		4900	4904.5	-4.5	

Remarks: i) This result has an expanded uncertainty with a coverage factor k=2 at approximately 95% confidence level.
ii) The calibration certificate issued for this instrument is to be used for scientific or industrial purposes only.
iii) Error = DUC Reading - Standard Reading.
iv) Calibrations are carried out without any adjustment or repair.

DUC - Device Under Calibration

N.S. - Not Specified

N.A. - Not Applicable

Std. - Standard

rpm - Rotation Per Minute

Opinions and Interpretations

Calibrated	√	Accepted / Valid for use
Limited Use		Rejected / Out of use

Calibration Engineer
Measure Techno Lab,
Kolkata
D.K. Singh
Calibration Engineer

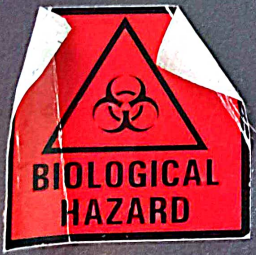
Checked & Approved By:

Quality / Technical Manager
S. Pandey

Form No. - MTL/22/2006

Issue No. : 2 Issue Date : 10.11.06

Rev. No. : 04 Rev. Date : 01.04.22





MEASURE TECHNO LAB
2, B. T. Road, Jayanti Cinema Complex, Barrackpore, Kolkata - 700120
measuretechno@yahoo.co.in

Nomenclature: *Centrifuge*
Code No.: *ISTC/ANC/BMCH/CF-002*
SI. No. *2BFN-19410* Cal Date: *10-11-23*
Recommended date of next calibration: *10-11-24*
Traceable to: *National std.* Sign: *[Signature]*

REMI R-8C

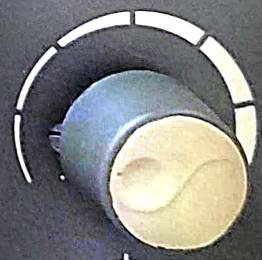

Instrument No. of 197-10.

 
MIN.


SET TIME

 
RPM


MAINS





MEASURE TECHNO LAB
2, B. T. Road, Jayanti Cinema Complex, Barrackpore, Kolkata - 700120
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Nomenclature : *Centrifuge*
Code No. : *ICRC/ANCBMCH/CF-003*
St. No. : *ZGBN-04552* Cal Date : *10-11-23*
Recommended date of next calibration : *10-11-24*
Traceable to *National Std.* Sign. : *[Signature]*

- WARNING**
1. READ OPERATING INSTRUCTIONS BEFORE USE.
 2. PROVIDE PROPER EARTHING.
 3. FOR VIBRATION FREE PERFORMANCE.
 - a. ENSURE LEVEL AND STABILITY.
 - b. BALANCE CENTRIFUGE TUBES.
 - c. ENSURE USE OF RUBBER CUSHIONS FOR GLASS TUBES.
 4. BRING SPEED KNOB TO "OFF" AND INCREASE SPEED GRADUALLY.
 5. CHECK CARBON BRUSHES PERIODICALLY.
 6. CHECK GLASS FUSE FOR NON-WORKING OF UNIT.

REMI R-8C

MIN.
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SET TIME

RPM
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MAINS

