



MEASURE TECHNO LAB

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

Phone : 033 - 2215 - 0032, 2215 - 9687, 8100875519, Mobile: 9831190974,
LAB:- 8100143376, E-mail: measuretechno@yahoo.co.in



CALIBRATION CERTIFICATE OF TIMER OF CENTRIFUGE

LIBRATION CERTIFICATE NO.: MTL / D / R01A / 06 - 23

ULR - CC254523000016732F

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1.0 Service Request No.: MTL / 14F / 06 / 22 - 23

1.1 Issued to: M/s. Diagnostics,
190B, Rashbehari Avenue,
Kolkata - 700029.

1.2 Description & Identification of item to be Calibrated:

a) Name:	Timer of Centrifuge	b) Code No.:	DIA / BIO / 08
c) Sl. No.:	ICLC - 5060	d) Make:	Remi
e) Model / Type:	R - 8C	f) Range:	99 min.
g) Sensor:	N.A.	h) Resolution:	1 min.
i) End User:	Biochemistry	j) Accuracy:	N.S.
k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 14-06-23

1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 14-06-23

1.6 Recommended date of next calibration: 14-06-24

1.7 Date of Issue : 16-06-23

1.8 Environmental Conditions During Calibration: Temperature: 30 °C ± 10 °C
Humidity: < 80 % RH

1.9 Method of Calibration: MTL / ET / 44 & MTL / ET / CAL / 01

2.0 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 Time Calibrator Cal. Certificate No. 2240722 - E01

(NPL, Thiruvallur)

(Cal. Date: 22/07/22, Due Date: 21/07/23)

2.1 Result :

Electrotechnical Calibration

Sl. No.	Parameter/ Range	Nominal Value on DUC min.	Std. Value sec.	Error sec.	Measurement Expanded Uncertainty ± min.
1.	Time 99 min.	1	60.216	-0.216	0.5776
2.		5	300.274	-0.274	0.5776
3.		10	600.365	-0.365	0.5776
4.		20	1200.481	-0.481	0.5776

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.

DUC - Device Under Calibration N.S. - Not Specified N.A. - Not Applicable Std. - Standard sec. - Second
min. - Minute

Opinions and Interpretations	
Calibrated	Accepted / Valid for use
Limited Use	Rejected / Out of use

Calibrated by:

S. Saha
Calibration Engineer
Measure Techno Lab
Kolkata

Checked / Approved by:

S. Pandey
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