



CC - 2147



ELECTRO METER CORPORATION
P- 5, C.I.T ROAD,
KOLKATA - 700014

Form No: FM/22
 Issue No. 10 and Issue Date: 31-12-2022

CALIBRATION CERTIFICATE OF:
DIGITAL TIMER OF CENTRIFUGE

CALIBRATION CERTIFICATE NO.: EMC2024-KOL-00036404 ULR NO.: CC214724000030940F Page: 1/1

1.0 ISSUED TO: **MKAS HEALTH CARE PVT. LTD.**
SANJAY HEIGHTS (2ND FLOOR)
GADGADIA SQ. NEAR EM. COLLEGE
PIN - 756003
ODISHA, INDIA

1.1 Service Request / Order No.:
 Description identification of item to be calibrated:

i	Name:	DIGITAL TIMER OF CENTRIFUGE	ii	Code No.:	MKAS/CF/TM/01
iii	Sl. No.:	-	iv	Make:	REMI
v	Model / Type No.:	R 8C	vi	Range:	As per calibration result
vii	Sensor:	--	viii	Resolution:	1 min
ix	Location	Sample Collection Room	x	Cal. performed:	On Site

1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit: Not Specified

1.4 Date of receipt of item: 7-Aug-2024 1.5 Date of calibration: 7-Aug-2024

1.6 Recommended date for next calibration: 7-Aug-2025 1.7 Report Issue Date: 9-Aug-2024

1.8(a)	Environmental condition during calibration	Temperature: 25.9 °C Humidity: 57.8 % RH
1.8(b)	Recommended Environmental condition	Temperature: 25°C ± 10°C Humidity: 50% RH ± 20% RH

1.9 Basis of calibration: S.O.P Number S.O.P/ELEC/04

2.0 Standard Equipment Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory.

Sl. No.	Name of the standard instrument used (Sl. No./Code Nos.)	Range	Resolution	Recommended date for next calibration	Certificate Nos.
1	Digital Stop Watch, Make: Racer, Code No. EMC/DSW/1026	As Per Calibration Result	0.01 s	25-09-2024	EMC2023-KOL-00005946

Disciplines: Electro - Technical Group: Time & Frequency

Parameter/Range	Nominal Value on DUC		Std Value (s)	Error (s)	Expanded Uncertainty (±) (s)	k factor
	(min)	Equivalent Value (s)				
Time Cal upto 5 min	1	60.00	60.17	-0.17	0.568	2.00
	2	120.00	120.25	-0.25	0.568	2.00
	3	180.00	180.36	-0.36	0.568	2.00
	4	240.00	240.39	-0.39	0.568	2.00
	5	300.00	300.47	-0.47	0.568	2.00

Note: i) Average of 5 readings had been taken in DUC/STD.

ii) The calibration certificate is issued by Electro Meter Corporation refers only for the particular item submitted to calibrate.

iii) Entire certificate should be produced for all purposes. Partial production of an extract of the certificate needs approval from the technical or the quality manager of the lab.

iv) The results in the calibration certificate are valid at the time and the stated conditions on measurement.

v) The calibration result is only to be used for scientific & industrial purpose and not for commercial purpose.

Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result

Remarks: NA

DUC- Device Under Calibration FS.-Full Scale Physical status of the DUC: OK

Calibrated By:	Approved By:
Soumyo Kanti Kundu Calibration Engineer	Saptarshi Das Technical Manager

END OF CERTIFICATE