



# MESO INSTRUMENTS



## CALIBRATION CERTIFICATE

UJRNOL33009200000016501

Customer & Address	M/s. The Medical Officers Government P.H.C. Adalamapatti, Perambalur DT	Cert.No	MT/31 12/170 1
		Date of Issue	28-09-2023
		Page No	1 of 1
Detail of Device Under Calibration (DUC)			
Nomenclature	Centrifuge		
Make/Model	REM C-052	Received Date	22-09-2023
Sl.No	ZCLN 37000	Cal Date	25-09-2023
ID.No	---	Due Date	14-09-2024
Range	---	Condition of Receipt	Functional
Resolution	0.1-5rpm	Location	Central Lab

### Standards used.

Sl.No	Instrument	Cert.No.	Traceability	Valid upto
1	Multifunction Calibrator Sl.No.0909AB401533A	ETDC(CN)/2019/52122	ETDC, Chennai	03-012-2023
2	TACHOMETER Sl.No 703	GSG/19/206/TM/01	GSG, Chennai	03-012-2023

All calibration done in SI units and are traceable to National/International standards as required in ISO/IEC 17025:2017. This instrument has been calibrated at customer premises under the ambient conditions stated.

### Calibration Results

Temp: 25 ± 4°C Humidity: 30 to 75% r.h

Sl.No	Standard Value (rpm) (Avg.)	DUC Reading (rpm) (Avg.)	Error (rpm)	Measurement Uncertainty ± (rpm)
1	3000	2999	1	0.65
2	4000	3999	1	0.65
3	5000	4999	1	0.65

The expanded uncertainty to be associated with the results is calculated at a confidence level of approximately 95.45%. (Coverage factor = 2)

### Remarks

1. This certificate shall not be reproduced, except in full, without written approval from the laboratory.
2. The recalibration interval should be determined based on the user's requirements.
3. The user should determine the suitability of the instrument for its intended use.
4. The results stated in this certificate relate only to the item calibrated.
5. The calibration points are taken as per customer requirement.

Calibrated by R.Manikandan

E. Deenadayalan  
Authorised Signatory





## CALIBRATION CERTIFICATE

IRANVO:IL3089200000016589

Customer Address	M/s. The Medical Officer Government P.H.C. Adaikamapatti, Perambalur DT	Cert.No	MT/21-22/170-1
		Date of Issue	26-09-2023
		Page No	1 of 1

**Detail of Device Under Calibration (DUC)**

Nomenclature	Centrifuge		
Make/Model	REMI C 852	Received Date	22-09-2023
Sl.No	ZCLN-37008	Cal.Date	25-09-2023
ID.No	---	Due Date	24-09-2024
Range	---	Condition of Receipt	Functional
Resolution	0.1-5rpm	Location	Central Lab

### Standards used.

Sl.No	Instrument	Cert.No.	Traceability	Valid upto
1	Multifunction Calibrator Sl.No.0909AB401533A	ETDC(CN)/2019/52122	ETDC, Chennai	03-012-2023
2	TACHOMETER Sl.No.703	GSG/19/206/TM/01	GSG, Chennai	03-012-2023

Work instruction No: MI/W1/02

All calibration done in SI units and are traceable to National/International standards as required in ISO/IEC 17025:2017. This instrument has been calibrated at customer premises under the ambient conditions stated.

### Calibration Results

Sl.No	Standard Value (rpm) (Avg.)	DUC Reading (rpm) (Avg.)	Temp: 25 ± 4°C Humidity: 30 to 75% r.h Error (rpm)	Measurement Uncertainty ± (rpm)
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Calibrated by R. Manikandan

E. Deenadayalan  
**Authorised Signatory**

