



# NEWTON BIOMEDICAL SERVICE

27, Pradhakshanam Road, A-Plot, IInd Floor, KARUR - 639 001.  
Cell : 96009 32255 - E.mail : newtonbiomedicalservice@gmail.com

Service Available at : Fully Auto Analyzer / Semi Auto Analyzer / Electrolytes / Elisa Reader / Diagnostic Instruments

## CALIBRATION CERTIFICATE

Date \_\_\_\_\_

**NAME OF CUSTOMER:**

**DATE: 15.12.2022**

**NAVANI DIAGNOSTIC CENTER  
NAMAKKAL.**

**DESCRIPTION OF THE EQUIPMENT: CENTRIFUGE**

**MODEL NO: MEDICO PLUS**

**SL.NO: ZDDN-10210**

**COMPANY: REMI**

**INSTRUMENT USED FOR CALIBRATION: DIGITAL TACHOMETER**

**MODEL NO:KUSAM-MECO&KM-2234BL**

**SL.NO: S1049947**

**CERTIFIED BY: MSIR INDIA PVT.LTD**

**INSTRUMENT VALIDITY: 05-04-2023**

REGULATOR STEEPS	INSTRUMENT SPEED	TACHOMETER READING	ALLOWABLE ERROR	ERROR OBSERVED ±	RESULT
1.	700	712	±50	12	OK
3.	2100	2063	±50	37	OK
5.	3500	3460	±50	40	OK

**NEXT CALIBRATION DUE ON: 14.12.2023**

**TESTED BY: G DINESH**

**APPROVED BY: QA**

NOTE: 1) Calibration Points & due date is given as per customer request 2) This certificate refer only to particular item submitted for certificate 3) The calibration results reported are valid at the time of and under the stated conditions of the measurements 4) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.



CC - 3237

TRACEABILITY COPY

#40, 2<sup>nd</sup> Floor, 2<sup>nd</sup> Street,  
Padmavathi Nagar, Chromepet  
Chennai, Tamil Nadu - 600 04**CALIBRATION CERTIFICATE**

MCAL/FOR/QD-12

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PRF #	: MCAL/PRF/0322120	Date of Calibration:	: 4-Apr-2022
Certificate #	: MSIR/410322/120-002	Recom. Due Date	: 3-Apr-2023

**DETAILS OF USER CUSTOMER**

M/S. Newton Bio Medical Service,  
27, Pradhkshanam (road), A - Plot,  
2nd Floor, Karur - 639 001.

ULR # : CC323722000005226F  
Calibrated at : Lab  
Date of Receipt : 4-Apr-2022  
Cond. On Receipt : Satisfactory  
Date of Issue : 25-Apr-2022

**DETAILS OF TEST / UNIT UNDER CALIBRATION**

Description	: Digital Tachometer	Identification #	: --
Range	: 5 to 999.9 RPM	Serial #	: S1049947
Cal. / Working Range	: --	Make	: KUSAM - MECO
Least Count	: 0.1 RPM	Model #	: KM - 2234BL
Location	: --	Accuracy	: As Per Manual

**DETAILS OF MASTER INSTRUMENT USED**

Description (Range)	Identification #	Valid upto (Due Date)	Traceability Certificate #
Digital Tachometer	MCAL/INS/SS-02	23-May-2022	CC-21-22-L-268/01

MFC #	: MCAL/MFC/OP-03
Details of Env.	: Temperature : 25±2°C      Relative Humidity : 40-70 % RH

**CALIBRATION RESULTS**

Parameter : Acceleration &amp; Speed

Sl. #	Test Readings (RPM)	Standard Readings (RPM)	Error (RPM)	Uncertainty ± (RPM)
1.	50.0	50.56	-0.56	2.25
2.	100.0	100.62	-0.62	2.25
3.	300.0	300.75	-0.75	4.10
4.	500.0	500.88	-0.88	4.10
5.	1000.0	1000.93	-0.93	4.10

**Remarks**

- The reported Expanded Uncertainty is calculated at 95.45 % C.L with coverage factor k=2.
- The reported readings are average of three readings.

Issued by :  
MCAL - Engineer

SANGEETHA. B

Authorised by :  
Technical Manager



★★★ End of Certificate ★★★