



# AUTOCAL SYSTEMS

Calibration of Biomedical, QA of Radiology, Thermal, Mechanical, Electrotechnical, Mass, Volume, Weights, Mapping and Validation Testing Services of Laminar Air Flow, Biosafety Cabinet, OT Validation, AHU and Calibration Facility in Lab / Onsite.



CC-2614

CALIBRATION LAB

## CALIBRATION CERTIFICATE

<b>1. CUSTOMER</b> Excelsis clinics	Page No. :- 1 of 1
B1 vikas paradise commercial	Date of Issue :- 13-Apr-23
Below axis Bank, near santoshi mata mandir, L.B.S marg mulund west 400080	Date of Receipt :- 11-Apr-23
Ambient Temp. :- 25 ± 4°C	Srf No :- ACS/CAL/22-23/059
RH :- <70 % RH	Certificate No. :- ACS/059/CM-27/220003
Location of calibration :- ON SITE	Date of Calibration :- 12-Apr-23
Condition of Item :- OK	Next Calibration Due On :- 11-Apr-24
	Calibration method No. :- ACS/CM-27
	ULR No :- CC2614230005372F
	Discipline :- Mechanical Calibration
	Parameter :- Speed

<b>2. Description of Item</b>			
Name :- RPM INDICATOR(CENTRIFUGE )	Range :- 0 TO 3000	rpm	
ID. No. :- CNTF-01	Resolution :- 1	rpm	
Make :- REMI	Specified Accuracy :- N.A		
Model :- R-30 PLUS	Department :- PATHOLOGY		
Type :- --			
Asset No :- N.A			

<b>3. Detail of Equipment used for calibration</b>	
Name :- Digital Tachometer	
Make/I.D No. :- Kusum-Meco/ACS-EQP-52	
Certificate No. :- OM/51/220018	
Certified By :- OM Engineers	
Calibration Validity :- 3-Nov-23	

<b>4. Calibration Results</b>				
Calibration Points RPM	Standard Reading RPM	UUC Reading RPM	Error in RPM	Expanded Uncertainty in ± RPM
100	100	99	-1	7.52
1000	1000	998	-2	7.52
2000	2000	1997	-3	7.52
2500	2500	2499	-1	7.52
3000	3000	2998	-2	7.52

**Note:**  
 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to coverage probability of approximately 95% for normal distribution.  
 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.  
 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.  
 4) Calibration point were selected as per customer specifications and Calibration report traceable to National or International Standard.  
 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Autocal Systems, Pune"  
 6) No decision rule applicable.

Calibrated By: *Vishal*  
 Calibration Engineer  
 (Mr. Vishal Vedpathak)

\*\*\*End of Certificate\*\*\*

Approved By: *Bagade*  
 Technical Manager  
 (Mr. Sandip Bagade)

Format No. : ACS-RFT-29      Revision No. : 00      Issue Date : 15.06.2019

83/526, Near D. Y. Patil Engg. College, Sant Tukaram Nagar, Pimpri, Pune - 411018.

☎ 09822136161 / 09975706701 / 07722092715    ✉ autocalsystemsmed@gmail.com / autocalsystems@gmail.com

www.autocalsystems.com

BIO CERTIFICATE