



TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE
Precision is Our Destination.....

An ISO 9001 : 2015 Certified company
Calibration of Various Instruments & Testing Machines...



CC - 3125

Form No.: TMSCC/R/23						
CALIBRATION CERTIFICATE						
CALIBRATION CERTIFICATE NO.: 2024/06/893					Page 1 of 1	
ISSUE DATE : 18-Jun-2024						
ULR No.: CC312524000012399F						
1.0 ISSUED TO :		M/s.: Doctor Ghosh Super Speciality Clinic And Diagnostic Centre 1st Floor, 2/5/16, Arabinda Arena, Block B, Khardaha, Kolkata - 700118.				
1.1 Service Request Form No.:		SRF/2024/06/17/02				
1.2 Service Request Date :		17-06-2024				
1.3 Location :		At Site				
1.4 Description identification of item to be calibrated :						
i	Name :	Electra BL Centrifuge		ii	Make :	Euro
iii	Model / Type No.:	Electra-BL		iv	S/L No.:	--
v	I.D.No.:	DGLAB/CEN/01		vi	Job Code No.:	2024/06/893
vii	Range :	0 - 3000 rpm		viii	Resolution :	10 rpm
ix	Accuracy :	As per IS 4092-1:1992		x	End User :	--
1.5 Full / Partial Calibration : Full Calibration						
1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit : Not Specified.						
1.7 Date of receipt of item : 17-Jun-2024			1.8 Date of calibration :		17-Jun-2024	
1.9 Calibration due on : 16-Jun-2025			2.0 Frequency of calibration once in :		12 Months	
2.1 Environmental condition during calibration :		Temperature :	25.4 °C			
		Humidity :	54 % RH			
2.2 Basis of calibration : SOP/05/02						
2.3 Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.						
Name of the Instrument		Sl. No./ Id No.	Certificate No.	Lab Certificate No.	Calibrated On	Due On
Digital Tachometer		(Sl. No.- 197-0062V)	TSC/23-24/20427-4	CC-2231	14-03-2024	13-03-2025
CALIBRATION RESULTS						
Sl. No.	Denomination set in rpm	Observed Reading at Ref. Std. in rpm (Average of five readings)		Error in RPM	Uncertainty in ± %	Acceptance Criteria
1	100	100.2		0.18	0.69	Pass
2	550	551.0		0.97	0.69	Pass
3	1050	1051.9		1.85	0.69	Pass
4	1840	1843.2		3.24	0.69	Pass
5	2880	2885.1		5.08	0.69	Pass
Maximum Permissible Error : ± 1 % of rdg						
Measurement Uncertainty at 95% confidence level where coverage factor, k=2						
Remarks: The above DUC has been calibrated over its above range & the readings observed are tabulated above. The reference standard used is traceable to National Standard.						
DUC: Device Under Calibration						
Physical status of the Instrument : Ok						

Calibrated By :

P. Dasmalakar
(Sr. Calibration Engineer)

Checked By :

C. Ghosh
(Technical Director)

Approved By :

S. Chowdhury
(Quality Manager)



END OF CERTIFICATE