CALIBRATION CERTIFICATE					
CERTIFICATE NO: SBS/CL/23/12358 MECHANICAL	Page No:1 of 1				
Issue Date 03-10-2023	- ago ito.i or i				
Receipt Date SRF/23/00568-0001 & 03-10-2023	SRF/23/00568-0001 & 03-10-2023				
Calibration Date 03-10-2023 03-10-2023					
Calibration Due					
Customer Name & Address	.2.				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, KANDAMANADY,VILLUPURAM DISTRICT.					
Details of Device Under Calibration (DUC)					
Description : CENTRIFUGE Make & Model : BD I	INSTRUMENTATION & BDI-153				
Range 3500 RPM Sr. No 7663					
Resolution : 1 RPM   Identification No : NA					
Location : LAR	ORATORY				
Environmental Conditions & Standard Operating Procedure Details  Temperature: 24.3 °C Relative Humidity 54 %					
Calibration Procedure No. SPS/CD/MU/04					
Reference Standards Details					
S.No Description Make/ SI No: Certificate No	Validity				
Digital Tachometer Lutron & DT-2238 JRPM-CCTR-A&S-20 CALIBRATION RESULTS					

S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	9/
1	1000	999.9	0.1	76
2	2000	1998	2	4.2
3	3000			4.2
DEMA		2999	1	4.2

# REMARKS

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2. The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

(Calibration Engineer)
M.DINESH

Chennai 600 032
3 * PH

	Authorised	Signator
C: Doubel		

Quality Manager (C.SIVABALAN)

Chief Executive



			CA	LIBRA	TIC	N CEF	RTIF	IC	ATE		
	TIFICATE NO: SBS	/CL/23	/12359		$\overline{}$					Page No:	1 0/ 1
SRF Rece Calib Calib Cust GOV	e Date No & Date Port Date Portion Date Portion Due ROME Name & Addr PERNMENT UPGRA	DED P	RIMARY HE	ALTH CENTE	SRF/23/00568-0002 & 03-10-2023 03-10-2023 03-10-2023 02-10-2024			Page No:			
KAN	DAMANADY, VILLUF	PURAN	DISTRICT.								
		,		Details of D	Device	Under Calif	ration (I	DUC			
Rang Reso	SOlution MULTI UC Condition SATISFACTORY			Make & Model LABOMED & CXL PLUS Sr. No 130661095 Identification No NA Location LABORATORY Inditions & Calibration Procedure Details		S					
Envir	onmental Details		Temperature:	25.6°C	aition			edure			
Calib	ration Procedure No		SBS/CP/MD/			Relative Humidity 52% RH Calibration done at ONSITE					
	I=			Refe	rence	Standards [			ONGITE		
.No	Description		Make/ SI No:				Certifica	ate N	0	Validit	v
	Electrical Safety Anal	lyser		Rigel Medica	8 441	L-1059	M-23080	9-16	-4	10-08-2	
RESI	ULTS			E	LECT	RICAL SAFE	TY				
S.no	SPECIF			N	MEASL	JRED VALUE	S		EXPANDED UN	ICERTAINTY (±	
1	Insulation		ance	Me	asure	d values in	МΩ			ty in % (±)	
- 1	>20	OM				65			Unicertain	Y 111 76 (II)	

### REMARKS

2

3

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- 4. The results stated in this certificate relate only to the item calibrated.

Earth Leakage

<5000µAfor B,BF,CF

Enclosure Leakage

<500µAfor B,BF,CF

5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00

Measured values in µA

125

Measured values in µA

229

6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By M.TO (Calibration Engineer) M.DINESH



Cal	issed digitatory
Technical Manager	Chief Executive
C.SHANMUGARAJ	

13.92

Uncertainty in % (±)

12.3

Uncertainty in % (±)

8.6

.. 2. .



	CALIBRATI	ON CER	TIFICA	<u>TE</u>	
CERTIFICATE NO: SBS/CL/23/1236	0	M	EDICAL DE	VICES	Page No:1 of 1
Issue Date SRF No & Date Receipt Date Calibration Date Calibration Due Customer Name & Address	S 0: 0:	3-10-2023 SRF/23/00568-00 3-10-2023 3-10-2023 2-10-2024	003 & 03-10-	-2023	*
GOVERNMENT UPGRADED PRIMAI KANDAMANADY,VILLUPURAM DIST	TRICT.	ice Under Calibra	ation (DUC)		
Description : SEMI AUTO Range : MULTI Resolution : MULTI DUC Condition : SATISFACTO	ANALYZER M Si	lake & Model r. No lentification No ocation		ROBONIK & PRIETES ATCD232021RBK NA LABORATORY	T TOUCH
Environmental Batal	<b>Environmental Condition</b>	ons & Calibration	Procedure D	Details	
	perature:25.6 ° C CP/MD/20	Relative Hum Calibration do	one at	52% RH ONSITE	
S.No Description	Referen	ce Standards De			
Electrical Safety Analyser	Rigel Medical &	441 -1050	Certificate No		Validity
	riger Medical &	441-1059	M-230809-16	-4	10-08-2024

### **ELECTRICAL SAFETY**

## RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in $M\Omega$	
	>20MΩ	97	Uncertainty in % (±)
2	Earth Leakage	Measured values in µA	13.92
	<5000µAfor B,BF,CF	125	Uncertainty in % (±)
3	Enclosure Leakage	Measured values in μA	8.0
	<500µAfor B,BF,CF	235	Uncertainty in % (±)
DEMARKS			7.2 2.

#### REMARKS

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- 4. The results stated in this certificate relate only to the item calibrated.
- 5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

(Calibration Engineer) M.DINESH



	1.680	uthorised	Signatory
1	Technical Manage	er	
	C.SHANMUGARA		Ш,

Chief Ex	ecutive