



ADDING VALUE

ROOTS METROLOGY & TESTING LABORATORY

(A Division of Roots Industries India Limited)

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CALIBRATION CERTIFICATE

ULR-CC278222030011004F

Certificate No. : BRMTL/01/522100770-A80	Date of Issue	: 21-10-2022
Name and address of the Customer M/s. Medavakkam Govt. Upgraded Primary Healthcare Center,4th Street,Mandavali,Green court, Medavakkam,Chennai,Tamilnadu 600 100.	Date of Receipt of Item	: 18-10-2022
	Date of Calibration	: 18-10-2022
	Calibration Due	: 17-10-2023
	(As Per Customer Request)	
	Customer Reference	: On-Site # 18-10-2022

1. DESCRIPTION OF DEVICE UNDER CALIBRATION (DUC)		Receiving Condition of DUC	: Satisfactory
Name of the DUC	: ELECTRICAL SAFETY (CELL COUNTER)	Reference Document	: As Per Manufacturer Specification
Identification	: UPHC/LAB/CC/01	Cal. Procedure Ref. No.	: BRMTL/WI/418
Sl.No.	: NA	Environmental Condition	: Temp : 24.2°C / RH : 57%
Make	: SYSMAX	Calibrated at	: Onsite
Model	: XP-100		
Location	: LABORATORY		

2. DETAILS OF MASTER USED				
Standard Instrument Used	Make / Model	SL. No. / ID No.	Traceable To / Certificate No.	Validity
Electrical Safety Analyzer	Rigel Medical / 288+	48K-0413 BRMTL-315	ACCS221794	12.09.2023
Electrical Safety Analyzer	Rigel Medical / 288+	48K-0413 BRMTL-315	CRMTL/01/422100328-A1	22.04.2023

The Masters are traceable to National / International standards as per ISO/IEC 17025

FIELD - MEDICAL DEVICES Calibration Results

3. VISUAL INSPECTION		Remarks	
SL. No.	Description	Pass	Fail
1	Device Clean and Decontaminated	√	
2	Physical damage	√	
3	Power cord check	√	
4	Display intensity adequate for day time use	√	
5	Alarm Function	√	

4. ELECTRICAL SAFETY

4.1 LOAD TEST (MAINS VOLTAGE)

SL. NO.	Specification	Measured Value (V)	Allowable Limit (V)	Uncertainty ± (%)	Remarks
1	Live to Neutral	231	230 ± 10 %	7.59	Pass
2	Live to Earth	231	230 ± 10 %	7.59	Pass

CALIBRATED BY (CALIBRATION ENGINEER) **DINESH KUMAR A** AUTHORIZED BY (QM/TM/DY.TM/Sr.Er) **KAMALAKANNAN R**

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* NEXT CALIBRATION DUE AS PER CUSTOMER'S PLAN AND REQUIREMENT