

**CALIBRATION CERTIFICATE**

ULR Number: CC275219000083790F

Name and address of the customer The medical officer Government Primary Health Centre Pudunagar –Pudukkottai( dist)	Certificate no	: Rmtl/01/319107345
	Date of calibration	:15/03/2023
	Suggested calibration due	: 14/03/2024
	Customer po .reference.& date:	

**1.DESRIPTION OF DUC**

Name Of The Duc: CELL COUNTER	Receiving Condition Of Duc	:Good
Make : SYSMAX	Ref. Document	:As Per Manufactures Specification
Model : XP 100	Environmental Condition	:25.3 Deg & 54.3% Rh
Sl.No : B5096	Uncertainty Of Measurement	:As Per Report
Range/Size : 230v	Location	:LAB

THE MASTERS ARE TRACEABLE TO NATIONAL/INTERNATIONAL STANDARDS AS PER ISO/IEC 17025.

**2.DETAILED OF MASTER USED**

Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No	Validity
Decade Megohm	Vaisashika	Rml-230	Vaiseshika,Ambala Cantt/Ved/Nabl/18-19(Et)/92	1-6-2024
Multi Product Calibrator	Fluke	Rml-262	Wavecal,Blr/Cs-18/01-01	1-6-2024
Multi Product Calibrator (Ac/Dc Current Coil)	Transmille	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2024
Leakage Current Tester	Htc/CI-2054	Rml-254-1	Rmtl/01/319107848	1-6-2024

**CALIBRATION FIELD:** Electro Technical (Voltage Calibration -Ac)

Sl.no	Range	Master readings v	Calibrated values v	Error observed v	Uncertainty v
1	0 v to 400v	230	231	1	0.055

**CURRENT CALIBRATION** Ac Current @50Hz

Sl.no	Range	Master readings mA	Calibrated values mA	Error observed mA	Uncertainty mA
1	40Ma-100A	2	2.002	-0.002	0.045

**Resistance calibration**

Sl.no	Range	Master readings ohms	Calibrated values ohms	Error observed ohms	Uncertainty Ohms
1	40	39	39.01	0.001	0.007

**4.remarks**

4.1 uncertainty estimated for a confidence level of 95% at the k factor=2  
 4.2the reported results are valid only for the condition of the inst./gauge received at the time of and under the condition of the calibration

4.3 DUC –device under calibration

Calibration label /status : Calibration result pass & fail are indicated

*R.K.G.*  
**MEDICAL OFFICER,**  
 Govt. Upgraded Primary Health Centre,  
 PUDUNAGAR, PUDUKKOTTAI,  
 ARANTHANGI DISTRICT,  
 PUDUKOTTAI, TAMIL NADU

CALIBRATION ENGINEER		AUTHORIZED SIGN	This Report Refers Only To The Sample Submitted And May Not Be Reproduces In Full Or In Part, Without Written Permission From Roots Metrology & Testing Laboratory, Coimbatore, cell:9585840192
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