



**ROOTS INDUSTRIES INDIA LIMITED**  
**ROOTS METROLOGY & TESTING LABORATORY**  
 R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006,India  
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NABL ACCREDITATION  
 CERTIFICATE NO. CC-2752

**CALIBRATION CERTIFICATE**

ULR Number: CC275219000083790F

<b>Name and address of the customer</b> The Medical officer Government primary health centre Kodumbalur -pudukkottai( dist)	<b>Certificate no</b> : Rmtl/01/319107848/6
	<b>Date of calibration</b> : 19/11/2022
	<b>Suggested calibration due</b> : 18/11/2023
	<b>Customer po .reference.&amp; date:</b>

**1.DESCRPTION OF DUC**

<b>Name Of The Duc</b> : CELL COUNTER	<b>Receiving Condition Of Duc</b> :Good
<b>Make</b> : SYSMAX	<b>Ref. Document</b> :As Per Manufactures Specification
<b>Model</b> : XP-100	<b>Environmental Condition</b> :25.3 Deg & 54.3% Rh
<b>SI.No</b> : b5083	<b>Uncertainty Of Measurement</b> :As Per Report
<b>Range/Size</b> : 230v	<b>Location</b> :CENTRAL LAB

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

**2.DETAILS OF MASTER USED**

Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No	Validity
Decade Megohm	Vaisashika	Rml-230	Vaiseshika,Ambala Cant/Ved/Nabl/18-19(Et)/92	1-6-2023
Multi Product Calibrator	Fluke	Rml-262	Wavecal,Blr/Cs-18/01-01	1-6-2023
Multi Product Calibrator (Ac/Dc Current Coil)	Transmille	Rml-252-1	Wavecal,Blr/Cs-18/69-01	1-6-2023
Leakage Current Tester	Htc/Cl-2054	Rml-254-1	Rmtl/01/319107848	1-6-2023

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

SI.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**

SI.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**

SI.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
  - 4.2 the 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. V. Manjunath*  
 CALIBRATION ENGINEER

*[Signature]*  
 AUTHORIZED SIGN

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