



**ROOTS INDUSTRIES INDIA LIMITED**  
**ROOTS METROLOGY & TESTING LABORATORY**  
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NABL/ILAC/024

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 PAPPANADU–thanjavur (dist)	<b>Certificate no</b> : Rmtl/01/319107851/29 <b>Date of calibration</b> :30/09/2023 <b>Suggested calibration due</b> : 29/09/2024 <b>Customer po .reference.&amp; date:</b>
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#### 1.DESRIPTION OF DUC

<b>Name Of The Duc:</b> semi auto analyser <b>Make:</b> robonik <b>Model</b> : prietest touch <b>Sl.No</b> : atcd3911220rbk <b>Range/Size</b> : 230v	<b>Receiving Condition Of Duc</b> :Good <b>Ref. Document</b> :As Per Manufactures Specification <b>Environmental Condition</b> :25.3 Deg & 54.3% Rh <b>Uncertainty Of Measurement</b> :As Per Report <b>Location</b> :lab
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**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

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