

# **ROOTS INDUSTRIES INDIA LIMITED**

## **ROOTS METROLOGY & TESTING LABORATORY**

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## CALIBRATION CERTIFICATE

ULR Number: CC275219000083790F

Name and address of the customerCertificate no: Rmtl/01/319107831/7The Medical OfficerDate of calibration:12/9/2023Government Primery Health CentreSuggested calibration due: 11/9/2024

athivetti-thanjavur (dist) Customer po .reference.& date:

1.DESCRIPTION OF DUC

Name Of The Duc: SEMI AUTO ANALYSER Receiving Condition Of Duc :Good

Make: ROBONIK Ref. Document :As Per Manufactures Specification

Model : PRITESTTOUCH Environmental Condition :25.3 Deg & 54.3% Rh

SI.No : ATP2310122RBK 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.DETAILS OF MASTER USED

Standard Instrument Used	Make/ Model	ld No	Traceable To/Certificate No	Validity
Decade Megohm	Vaisashika	Rml-230	Vaiseshika, Ambala Cantt/Ved/Nabl/18-	1-6-2024
			19(Et)/92	
Multi Product Calibrator	Fluke	Rml-262	Wavecal, Blr/Cs-18/01-01	1-6-2024
Multi Product Calibrator	Transmille	Rml-252-1	Wavecal, Blr/Cs-18/69-01	1-6-2024
(Ac/Dc Current Coil)			900 900 000470	
Leakage Current Tester	Htc/Cl-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

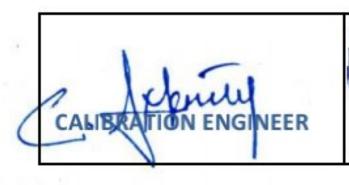
#### Resistance calibration

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





AUTHORIZED SIGN

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