



**ROOTS INDUSTRIES INDIA LIMITED**  
**ROOTS METROLOGY & TESTING LABORATORY**  
 R.K.G Industrial Estate, Ganapathy, Coimbatore-641 006, India  
 Phone :9585840192/9003432356



**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:	

<b>1. DESCRIPTION OF DUC</b>		Receiving Condition Of Duc	:Good
Name Of The Duc:	SEMI AUTO ANALYSER	Ref. Document	:As Per Manufactures Specification
Make	: ROBONICK	Environmental Condition	:25.3 Deg & 54.3% Rh
Model	: PRETEST TOUCH	Uncertainty Of Measurement	:As Per Report
Sl.No	: ATCD1280321RBK	Location	:LAB
Range/Size	: 230v		

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

2. DETAILS OF MASTER USED				Validity
Standard Instrument Used	Make/ Model	Id No	Traceable To/Certificate No	
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

**MEDICAL OFFICER,** *R. Kalyan*  
 Govt Upgraded Primary Health Centre,  
 PUDUNAGAR, PUDUKOTTAI,  
 ARANTHANGI, PUDUKOTTAI, PUDUKOTTAI

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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