



**ROOTS INDUSTRIES INDIA LIMITED**  
**ROOTS METROLOGY & TESTING LABORATORY**  
 # 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 Panayapatti – Pudukottai (dist)	Certificate no	: Rmtl/01/319101315/045
	Date of calibration	: 28/8/2023
	Suggested calibration due	: 27/8/2024
	Customer po .reference.& date:	

**1. DESCRIPTION OF DUC**

Name Of The Duc:	MICROSCOPE	Receiving Condition Of Duc	: Good
Make	: NA	Ref. Document	: As Per Manufactures Specification
Model	: NA	Environmental Condition	: 25.3 Deg & 54.3% Rh
SI.No	: NA	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	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)	Transmile	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
  - 4.2 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

LIBRATION 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