



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

Name and address of the customer The Medical Officer Government Primery Health Centre Embal- Pudukottai (dist)	Certificate no : Rmtl/01/319101315/033
	Date of calibration : 13/8/2023
	Suggested calibration due : 12/8/2024
	Customer po .reference.& date:

1.DESCRPTION OF DUC

Name Of The Duc: MICROSCOPE	Receiving Condition Of Duc :Good
Make : LABOMED	Ref. Document :As Per Manufactures Specification
Model : VISION 2000	Environmental Condition :25.3 Deg & 54.3% Rh
Sl.No : 200220585	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)	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 CALIBRATIONAc 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

- 4.1uncertainty 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 thecondition of the calibration
 - 4.3DUC –device under calibration
- Calibration label /status : Calibration result pass & fail are indicated

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