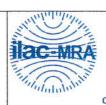


# **ROOTS INDUSTRIES INDIA LIMITED**

### **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 Primery Health Centre Keelanilai Pudupatti- Pudukottai

(dist)

Make

Certificate no

: Rmtl/01/319101315/037

Date of calibration

:17/8/2023

Suggested calibration due: 16/8/2024

Customer po .reference.& date:

1.DESCRIPTION OF DUC

Name Of The Duc:

MICROSCOPE

: NA

: LEICA GALEN III

Model SI.No

Range/Size

: 1182WS

: 230v

**Receiving Condition Of Duc** Ref. Document

:Good

:As Per Manufactures Specification

**Environmental Condition** Uncertainty Of Measurement :25.3 Deg & 54.3% Rh

Location

:As Per Report

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	1-6-2024	
Decade Megohm	Vaisashika	Rml-230	Vaiseshika, Ambala Cantt/Ved/Nabl/18- 19(Et)/92		
Multi Product Calibrator	oduct Calibrator Fluke Rml-262 Wavecal,Blr/Cs-18/01-01		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/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

- 4.1uncertainty 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 the condition of the calibration
- 4.3DUC -device under calibration

Calibration label /status : Calibration result pass & fail are indicated

CALIBRATION ENGINEER





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