COMMITTED TO THE CUSTOMER SINCE - 1996

# VAIDYANATHESHWARA INSTRUMENTS

CC-2473

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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

## CERTIFICATE OF CALIBRATION



| Format No. : VI-FRM-ME-006 | ULR No.: CC247323100007699F | Report No: VI/22-23/8113-02 |
|---|---|---|

**CALIBRATED INSTRUMENT / EQUIPMENT DETAILS**

| | | | | |
|---|---|---|---|---|
| Nomenclature | Setting Rods | Make | ------ | |
| Range / Resolution | 50 mm | Sl. No. | ------- | |
| Calibration Done At | VI Mechanical Lab | Temperature / Humidity | 20.2°C | 50%RH |
| Calibrated on | 02– 03– 2023 | Calibration due on | 01 – 03 – 2024 | |
| Discipline | Mechanical (Dimensional) | - | | - |

**MASTER EQUIPMENT TRACEABILITY DETAILS**

| Sl.No. | Nomenclature | Make & Model | Sl. No./ID No. | Traceable Cert. No. | Traceable to | Validity |
|---|---|---|---|---|---|---|
| 1 | Digital Linear Height Master | Mitutoyo | 300471007 / VI/ME/004 | VI/22-23/INT-03 | VI -Bangalore | 15 - 07 - 2023 |

| | | |
|---|---|---|
| The master equipments used are traceable to National Standards | Ref. Doc. | Comparison Method and SOP-16-04 |

**CALIBRATION RESULTS** — All values are in mm

| Sl.No. | Std. Values | Actual Values | Error | |
|---|---|---|---|---|
| 1 | 50 mm @ ±0µm | 50.0042 | +0.0042 | - |

**Note :**

- Determination of step sizes, parallelism and flatness of measuring faces of setting rod by direct method using Digital Linear Height Master.

**Conclusion :**

- Uncertainty of calibration at 95.45 % Confidence level and Coverage Factor K = 2 : **± 10µm**
- The Reported Results are valid only for the conditions of the received Instruments /gauges at the time of and under the stated conditions of the calibration

**Calibrated By**
Nisarga A
(Calibration Engineer)

**Checked By**
P.Santhosh kumar
(Lab In-Charge)

**Authorized By**
Vaidyanatheshwara Instruments NABL ACCREDIATED LABORATORY
Signatory