Calibration Certificate of
Digital Micrometer

Certificate No. : M /23-24/ 2310-01
ULR No. : CC236323000024938F
Date of issue : 14-09-2023
Date of Calibration : 14-09-2023
Next Calibration Due : 13-09-2024

NAME AND ADDRESS OF CUSTOMER:

M/s. ARKKAYS NATIONAL ENGINEERING & FOUNDRY CO.,
xx
xx
xx

DESCRIPTION OF INSTRUMENT:

Range : 0 - 25 mm
Leastcount : 0.001 mm
Identification No. : x
Sl . No : 72839783
Make : Mitutoyo

Customer's Reference : D.C./P.O. No: 10296 Date: 13-02-2024
Date of Receipt : 12-09-2023 Our Inward No.: M /SER/23-24/ 2310-1
Condition On Receipt : Satisfactory Calibration done at : Dimension Lab
Calibration Procedure No. : MIMPL-CL-004-24-D-002 [Based on IS 2967 - 1983]
Environmental Condition during calibration : Temperature : 19.9 °C Humidity : 50.1 %RH
Uncertainty of Measurement : ± **2.0 µm** (At 95.45% confidence level with coverage factor k = 2)

Reference Standards & Equipments Used For Calibration

Sr. No.	Name of the Master Used	Id. No.	Calibration Report No.	Valid Upto	Traceability
1	Micrometer Check Set Grade '0'	MMT-RS-17	KCP/01/22-23/4374	08-08-24	NABL Lab. No. CC-2323
2	Optical Flat	MMT-RS-38	2022/06/029	03-06-24	NABL Lab. No. CC-2082

MECHANICAL CALIBRATION
(DIMENSION)
CALIBRATION RESULTS
(All values are in mm)

Reference Slip Size	Observed value on Micrometer	Error
0.0	0.000	Set
2.5	2.499	-0.001
5.1	5.100	0
7.7	7.702	0.002
10.3	10.301	0.001
12.9	12.902	0.002
15.0	15.002	0.002
17.6	17.602	0.002
20.2	20.202	0.002
22.8	22.802	0.002
25.0	25.002	0.002

---	Flatness of Measuring faces	Parallelism of Measuring faces
Spindle	*	0.001
Anvil	*	

* Couldn't be measured due to poor surface finish.

--- END OF CERTIFICATE ---

AUTHORISED BY

Calibrated By: R.Sumithra
Designation: (Calibration Engineer)

R.Balamuralikrishnan
(Quality Manager)