



Ecs Excellent Calibration Services Pvt. Ltd.,

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CC - 3621

ISO/IEC 17025 : 2017 Accredited Laboratory

CALIBRATION CERTIFICATE

CERTIFICATE NO: ECS/25/1262 - 05		ULR NO : ULR-CC362125000012903F		PAGE 1 OF 1	
Customer Name			Customer Reference		
M/s. Christy FriedGram Industry Private Limited., A-2, A-3, SIDCO Industrial Estate, Andipalayam Post, Thiruchengode, Namakkal-637214.			CRF.No : 1262		
			Date of Receipt : 11.09.2025		
			Cal Date : 12.09.2025		
			Recom.Due Date : 11.09.2026		
			Date of Issue : 12.09.2025		
Details of Unit Under Calibration					
Name : External Micrometer			SI No : 47173834		
Make : Mitutoyo			Type : Analog		
Model : --			Inst.Location : Chemical Lab		
Range : 0-25mm			Calibration at : Dimension Lab		
L.C : 0.001mm			Instrument Received Condition Good		
ID No : CL - SG - 79 - 01					
Reference Documents		IS:2967 /1983(RF-2019)		Working Instruction No	
				ECSPLWI / MECH - 05	
Environmental Details					
Temperature in (°C)	Start	20.1	End	20.2	Relative Humidity in (%)
					52
Standard Used for Calibration					
Description	Make	S.No / ID.No	Certificate No	Traceability	Validity
Gauge Block	Aditya	2881 / ECS-SGB-02	JRPM-CF-2024-DIM-CSRF-1097-C-4894	CC-2428	13.11.2026
Optical Flat	Mitutoyo	30012 / ECS-OF-01	RPL-2025-0334-C-003834	CC-4178	01.04.2027
Expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 corresponds to confidence level of 95.45%)					±2.1µm

Result Of Calibration (All Dimensions Are in mm) - Dimension

Nominal Value	Measured Value	Error
0.000	0.000	Set
2.500	2.500	0.000
5.100	5.100	0.000
7.700	7.701	0.001
10.300	10.300	0.000
12.900	12.901	0.001
15.000	15.001	0.001
17.600	17.600	0.000
20.200	20.200	0.000
22.800	22.801	0.001
25.000	25.000	0.000

Measuring Face Of Flatness And Parallelism

Flatness Of Anvil Face	0.00096
Flatness Of Spindle Face	0.00096
Parallelism Of Measuring Faces	0.001

Permissible error as per Standards IS: 2967/1983

Range in mm	Tolerance Of Zero Setting In µm	Permissible Error In µm
0 - 25	± 2	± 4
25 - 50	± 2	± 4
50 - 75	± 3	± 5

Calibrated by

S.Ramachandran

Sr.Calibration Engineer



End Of Certificate



Approved by

G.Kamaraj

Technical Manager

- ◆ This Certificate Refer to the values Obtained at the time of Calibration & at the above stated Condition.
- ◆ The Calibration results reported Corresponds to the particular item mentioned above.
- ◆ Equipment used for calibration were calibrated and are traceable to National / International Standards.
- ◆ Certificate shall not be Reproduced Except in full without the written approval from our Laboratory.
- ◆ Recommended due date mentioned as per customer requirement.
- ◆ Measurement uncertainty is reported at approximately 95.45% confidence level with k=2.

ECSPLQF/7.8/01