SV NANOMETROLOGY PVT. LTD.
Plot No. E-3, Friends Industrial Complex, Sanjay Colony, Sector 23,
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NABL accredited calibration laboratory, ISO/IEC 17025:2017 · Certificate No. CC-2472

QR: NABL certificate and scope · SV/FC/01

Calibration Certificate of	**LENGTH MEASURING MACHINE (LMM)**

ULR No.	Date of calibration	Recommended next due date	Date of issue
CC2472 26 XXXXXXXX F	19/03/2026	18/03/2028	19/03/2026

User and Instrument Details

User's name and address	[Withheld in this sample]		
Make	OCTAGON	Range / size	0–100 mm travel, L.C. 0.00001 mm
Description	Model LMM 400, capacity 400 mm, ID No. [withheld]		
Date of receipt	18/03/2026	Method followed	SV/WI/64(i)
Parameter ID	64	Location of calibration	On site, at customer premises
Environmental conditions	Temperature 20.15 °C (start), 19.99 °C (end)	Relative humidity	(50 ± 10) %
Expanded uncertainty of measurement	± 0.1 µm (coverage factor k = 2, approx. 95 % confidence level)		

Reference Standards Used: Laser Measuring System

Name	ID	Make	Traceability ULR No.	Calib. due date	Calib. by
Laser frequency	XL-80, SV-50	Renishaw	2611660/D1.02/C-183	09/03/2029	NPL
Digital RH and temperature indicator	ITC057, SV-50	Renishaw	FL/C/TH/17032026-C009	17/03/2029	FLPL
Air pressure sensor	ITC057, SV-50	Renishaw	26011659/D1.06/C238	16/03/2029	NPL

Traceability: The standards used are traceable to national / international standards through an unbroken chain of calibrations (NPL or NABL-accredited laboratories).

This certificate relates only to the item calibrated. It shall not be reproduced except in full without the written approval of the laboratory.
Results are valid under the stated conditions at the time of calibration.
SAMPLE for illustration only. Customer and instrument identity withheld. Not a valid certificate.

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Calibration Results

S. No.	Nominal value (mm)	Average measured value (mm)	Deviation (µm)
1	0.00000	0.00000	+0.00
2	1.00000	0.99995	-0.05
3	5.00000	5.00010	+0.10
4	10.00000	10.00012	+0.12
5	20.00000	20.00015	+0.15
6	30.00000	30.00014	+0.14
7	40.00000	40.00017	+0.17
8	50.00000	49.99987	-0.13
9	60.00000	59.99991	-0.09
10	70.00000	69.99985	-0.15
11	80.00000	80.00010	+0.10
12	90.00000	90.00017	+0.17
13	100.00000	100.00026	+0.26

Remarks

Material temperature: 20.10 °C (start), 20.20 °C (end). Mode: manual, dwell at each target position manual. Controller (DRO): Octagon. Environmental monitoring: air temperature, material temperature and air pressure sensors used. Auto-compensator: XC-80. Machine levelling: OK. Measuring range of machine: 0–100 mm. Deviation = average measured value − nominal value.

Calibrated by	Approved by (authorised signatory)
VIKRANT SINGH Asst. Technical Manager	NILESH MANGAL C.E.O.

— End of Report —

SAMPLE

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