



Since 1998

NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058

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Visit our Web Site : www.calibrationlaboratory.in



TRUE COPY

Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

Calibration Certificate

F/CR/M/037 Issue No.02

Name of Customer National Centre for Quality Calibration 4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon - Ambli Road, Ambli, Ahmedabad - 380 058, Gujarat		Certificate No. Date of Issue Date of Calibration Suggested Due Date	NCQC-M/030922/004 03/09/2022 03/09/2022 02/09/2023
ULR No. : CC21282200011067F		Date of Receipt / Ref.No.: 03/09/2022	
Discipline : Mechanical Calibration Dimensional (Precision- Precision Instruments and Surface To			
Details of Observation of Unit Under Calibration		Identification No. : NCQC/M-23 Serial No. : 027 Name of Instrument : Tape and Scale Measuring Machine	
Range Resolution Make / Model Location	0 to 1000 mm 0.001 mm Octagon/MSTC - 1000 Lab.	Visual Inspection Accuracy	Ok ±10 micron
Loc. of Calibration Environment Cond.	At Laboratory 20 ± 2 °C, 40 to 60 % Rh	Std. Ref. Used Cali.Method No.	NCQC/CM/M/037

Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
98	Tungsten Carbide Slip Gauge set	Mikronix / M88/1	NCQC/M-108/3909	CC-2102	SG 3111	22/09/2023
09	Steel length bar	KCP / M - 3	NCQC/M-105 / 1609	CC-2323	KCP/02/21-22/8852	25/12/2023
151	Steel length bar	KCP/M-1	NCQC/M-05 / 1361	CC-2323	KCP/02/21-22/7209	23/10/2023
135	Steel length bar	KCP / M-2	NCQC/M-04 / 10138	CC-2323	KCP/02/22-23/2711	22/06/2024

Calibration Results

Standard size of Slip Gauges & Length bars in mm	Actual reading of Slip Gauges & Length bars in mm	Reading observed by UUC in mm	Error in mm	Expanded Uncertainty in µm (k =2) ±
0	0.00000	0.000	0.00000	15.300
100	100.00021	100.002	0.00179	15.300
200	199.99972	200.003	0.00328	15.300
300	300.00027	300.004	0.00373	15.300
400	400.00037	400.005	0.00463	15.300
500	499.99992	500.005	0.00508	15.300
600	599.99837	600.006	0.00763	15.300
700	699.99792	700.006	0.00808	15.300
800	799.99847	800.006	0.00753	15.300
900	899.99857	900.007	0.00843	15.300
1000	999.99812	1000.009	0.01088	15.300

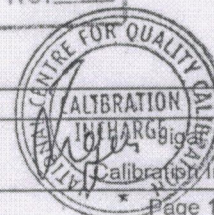
NCQC
Valid up to 02/09/2023
Reviewed...

NCQC System Certificate No. 155

Traceable To National / International Standards.

Calibrated By *[Signature]* Vishal Chauhan
Calibration Engineer

Reviewed & Approved By *[Signature]* Rishabh Fanchal
Calibration Incharge





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ULR No. : CC212822000011067F		Date of Receipt / Ref.No.: 03/09/2022	
Discipline : Mechanical Calibration Dimensional (Precision- Precision Instruments and Surface To		Identification No. : NCQC/M-23 Serial No. : 027 Name of Instrument : Tape and Scale Measuring Machine	
Details of Observation of Unit Under Calibration			

Remarks :

- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements.
- These results are obtained at the time of calibration.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- Uncertainty of measurement at 95% confidence level is ? 15.3 micron, at coverage factor k = 2.
- Condition of instrument found satisfactory during receipt.
- Our masters are directly calibrated through NABL accredited calibration lab having direct traceability with national / international standard.

Traceable To National / International Standards.	
Calibrated By Vishal Chauhan Calibration Engineer	Reviewed & Approved By Anil Panchal Calibration Incharge



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NCQC DEFINES CALIBRATION AS "PRECISION AND RELIABILITY OF INSTRUMENTS FOR YOUR BETTER TOMORROW"