



COMMITTED TO THE
CUSTOMER SINCE - 1996

Vaidyanatheshwara INSTRUMENTS

CERTIFICATE OF CALIBRATION



No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.
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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Date of issue: 02 - 03 - 2023

Sheet: 1 OF 1

Format No: VI-FRM-ME-009		ULR No : CC247323100007825F		Report No: VI/22-23/8113-01	
Customer Name and Address		M/s.: MAG ENGINEERING. 46 A 3 rd Main 2 nd Phase Peenya, Bangalore - 560 058.			
Customer Ref No & Date		DC No : SIA/RGP 21-22/0351& 28-02-2023		Received Condition Satisfactory	
SRF No.		8113		Date Of Receipt 01-03-2023	
CALIBRATED INSTRUMENT / EQUIPMENT DETAILS					
Nomenclature	Digital Height Gauge	Make		Mitutoyo	
Range / Resolution	0 - 600mm 0.01mm	Customer Instrument Reference No.		M098	
Calibration Done At	VI Mechanical Lab	Temperature / Humidity		20.3°C 51%(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.	Validity
1	Caliper Checker	KCP	3095	VI/22-23/INT-ME-135	11-05-2023
2	Tung Carb Gauge Block Set	KCP / M112/1	10021/VI/ME/007	VI/22-23/INT-ME-126	21-07-2023
The Master Equipments used are traceable to National Standards			Ref. Doc.	IS 2921-1988 and SOP-16-07	
CALIBRATION RESULTS					
All values are in mm					
NOMINAL VALUES	HEIGHT GAUGE READINGS	Error		Permissible Error (+/-)	
0.00	0.00(Set)	0.00		0.02	
20.00	20.00	0.00		0.02	
50.00	50.00	0.00		0.03	
75.00	75.00	0.00		0.03	
100.00	100.00	0.00		0.03	
150.00	150.00	0.00		0.03	
200.00	200.01	+0.01		0.03	
250.00	250.01	+0.01		0.03	
300.00	300.01	+0.01		0.04	
400.00	400.02	+0.02		0.04	
500.00	500.02	+0.02		0.05	
600.00	600.02	+0.02		0.05	

Notes:

- Determination of various sizes a from respective reference faces were measured by direct measurement against Caliper Checker.

Conclusion:

- Uncertainty of calibration at **95.45 %** Confidence level and Coverage Factor $K = 2 \pm 11.2 \mu m$
- 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)

