

**TRUE COPY**

ULR-CC210224000000013F



MECHANICAL CALIBRATION: DIMENSION (Precision Instruments)

**MIKRONIX ASSOCIATES  
AURANGABAD 431 006****CALIBRATION CERTIFICATE OF  
DEPTH MICROMETER CHECKER**

Calibration Date	Issued On	Certificate No.	Page	No. of Pages
04-01-2024	04-01-2024	DMC 4110	1	2

**Tested For** : M/s. NATIONAL CENTRE FOR QUALITY CALIBRATION.  
House No. 4, Abhishree Corporate Park, Nr. Swagat Bunglow BRTS,  
Iskon- Ambli Road, Ambli, Ahmedabad-380058.

**Your Ref.** : DC No. : F/ST/03, Issue No. 01 Date : 23-12-2023.

**Description & Identification of Instruments** : Steel Depth Micrometer Checker (0 - 300 mm),  
Sr. No. : 174 Id No. : NCQC/M-110 Make : Aditya

**Coefficient of Thermal Expansion** :  $11.5 \times 10^{-6}/^{\circ}\text{C}$

**Test Purpose** : Measurements of Depth Checker for their mean Length at 20 ° C

**Enviromental Conditions** : Temperature 20.3 °C

**Method Used** : Comparison method as per MA/PCD/46.

**Major Equipments Used** : a) Steel Slip Gauge Set M39, GR 'K', Set Sr.No. 1197 Calibrated at 'NABL'  
Lab No. CC-2082 vide Cert. No. P/01/230025, Dtd. 03-06-2023 valid upto 03-06-2025.  
b) Steel Slip Gauge Set M3, GR: 'K' Set Sr.No. 204 calibrated at CMTI  
Bangalore (CC-2153), vide their Certificate No, 21/53/01/041-S/3/256-A1&A2,  
Dtd. 14-02-2022 valid upto 14-02-2025.  
c) Linear Height, Mitutoyo Make, Model No. LH – 600B, Sr.No. 010132 in  
house (CC-2102) calibrated vide Certificate No.380, Dtd 10-10-2023 valid upto  
10-10-2024.

**Next Sugg. Due Date** : ...

**Uncertainty of measurement (AT 95% confidence level with coverage factor k=2)** :  $\pm 1.5 \mu\text{m}$ .

Note: The Calibration Results reported in this Certificate are valid at the time of and the stated condition of measurement.

This Calibration Certificate should not be re-produced except in full without written permission from Managing Partner, Mikronix Associates, Aurangabad.

NCQC  
Valid up to 31-03-2026  
Reviewed *[Signature]*

*[Signature]*  
CALIBRATED BY

NCQC System Certificate No 20

*[Signature]*  
ASST. QUALITY MANAGER



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MA/FRM/19



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CALIBRATION RESULTS	
Depth Measurement in mm	Deviation in $\mu\text{m}$
25	-0.6
50	+0.3
75	+0.8
100	+0.7
125	+0.7
150	+1.1
175	+1.1
200	+1.4
225	+3.2
250	+3.8
275	+4.9
300	+6.4

Note: Parallelism on all Measuring faces within 0.003 mm.

Actual size of the Anvil Block is 24.9995 mm.

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ASST. QUALITY MANAGER