CERTIFICATE OF CALIBRATION

ISSUED BY: LAMBDA CALIBRATION LTD

DATE OF ISSUE: 30th September 2025 CERTIFICATE No: 944369

UKAS CALIBRATION 0495

Lambda CALIBRATION LTD

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APPROVED SIGNATORY

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Customer:	Mecmesin Ltd, Slinford, RH13 0SZ
Item No:	TM-0490
Description:	A (used) Mitutoyo (167-116) External Micrometer Setting Piece (Flat Ended)
Date of Cal:	29/9/2025
Basis & Method:	Lambda Procedure No: C.I.M-1A Pt.10 Based on BS 870 (latest issue) The setting piece was calibrated against standard units of length (gauge blocks / length bars).
Equipment Used:	LMB-74-07, LMS-11-19, LMS-5-14
Temperature:	20°C ± 1°C

Visual Examination/Suitability for Calibration

Instrument Condition	Gauging faces found to be tarnished

Measured Results (Deviation from Nominal Size)

Nominal Size	Tolerance	Deviation
400mm	±0.005mm	+0.0019mm

Measured Results (Uniformity of Setting Disk or Parallelism of Flat Ended Setting Rod)

Nominal Size	Tolerance	Uniformity or Parallelism
400mm	0.003mm	0.0008mm

Results Summary: The reported results fall within the specified tolerances.

Uncertainty of Measurement: Length: ±0.0010 mm + (0.005 mm x L in M)
Parallelism: ±0.0002 mm + (0.003 mm x L in M)

End of Certificate

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor *k*=2, providing a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements. Unless otherwise stated: [1] The 'Compliance Statement' is based on 'simple acceptance' (result vs tolerance) with the relevant calibration uncertainty being no greater than the tolerance. [2] Reported activities were carried out at the address detailed in the header. [3] The results relate only to the items calibrated.
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