

CERTIFICATE OF CALIBRATION

ISSUED BY: LAMBDA CALIBRATION LTD

DATE OF ISSUE: 31st July 2024

CERTIFICATE No: 861249



0495



Lambda
CALIBRATION LTD

11-13 Chorley Central
Business Park
Stump Lane
Chorley
PR6 0BL
Tel: 01257 244 670

Page 1 of 1

APPROVED SIGNATORY

A.Scurr W.Pope M.Kenyon K.Quigley
H.Ramsay T.Ambrose M.Darbyshire

Customer: PPT Group UK Ltd, Halifax, HX3 6EP
Item No: 3022782 JH - 400
Description: A (used) Mitutoyo External Micrometer Setting Piece (Flat Ended)
Date of Cal: 31/7/2024
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-74-06, LMS-11-19, LMS-5-13
Temperature: 20°C ± 1°C

Visual Examination/Suitability for Calibration

Instrument Condition	Satisfactory
----------------------	--------------

Measured Results (Deviation from Nominal Size)

Nominal Size	Tolerance	Deviation
400mm	±0.005mm	-0.0014mm

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

Nominal Size	Tolerance	Uniformity or Parallelism
400mm	0.003mm	0.0009mm

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. This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and / or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.