

# CERTIFICATE OF CALIBRATION

ISSUED BY MP CALIBRATION SERVICES

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CERTIFICATE NUMBER: 286683



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APPROVED SIGNATORY

NAME: T Rutter

SIGNED:

SUBMITTED BY:

DATE OF CALIBRATION: 18/07/2019

CUSTOMER: Mecmesin Ltd Slinfold, West Sussex RH13 0SZ

DESCRIPTION: Micrometer Setting Rod(s) Metric SIZE(S): 400 mm

MANUFACTURER: Mitutoyo SERIAL NO: LB4

BASIS OF TEST: BS 870: 2008 / Manufacturers Specification TEMPERATURE: 20 °C ± 2 °C

RESULTS  
OF TEST:

The accuracy of the setting rod(s) was checked using the laboratories master gauge blocks, length bars and electronic comparator. The mean measured results obtained are detailed below :

<u>Nom.Size</u>	<u>Tolerance (+/-)</u>	<u>Result</u>
400 mm	0.005 mm	399.9958 mm

Uncertainty of measurement +/- 0.001 mm + (0.008mm x Length in Metres)

Out of Specification readings will be indicated by \*

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

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