CERTIFICATE OF CALIBRATION

ISSUED BY **MP CALIBRATION SERVICES**

DATE OF ISSUE: **08 February 2021** CERTIFICATE NUMBER: **323638**

UKAS CALIBRATION

0228

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APPROVED SIGNATORY
NAME: Mr M N Lester
SIGNED:

SUBMITTED BY:

DATE OF CALIBRATION: 08/02/2021

CUSTOMER: Mecmesin Ltd Slinfold, West Sussex RH13 0SZ

DESCRIPTION: Micrometer Setting Rod(s) Metric SIZE(S): 50 mm

MANUFACTURER: Mitutoyo SERIAL NO: TM0281

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 :

Nom.Size	Tolerance (+/-)	Result
50 mm	0.002 mm	50.0001 mm

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

Out of Specification readings will be indicated by *

End of report

This report relates only to the item with the serial number shown above

Decision rule: Unless otherwise requested MP Calibration Services Ltd shall issue a conformity statement based on a binary decision rule (ie. simple acceptance of pass/fail) where the acceptance zone is equal to the tolerance zone stated in the standard used as the basis of test, and a measurement uncertainty which is not greater than the tolerance. Where measurement uncertainty is greater than the tolerance zone it is not possible to state conformity.

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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