

# CERTIFICATE OF CALIBRATION

ISSUED BY MP CALIBRATION SERVICES

DATE OF ISSUE: 21 July 2022

CERTIFICATE NUMBER: 358425



0228

43 HAVILAND RD  
FERNDOWN INDUSTRIAL ESTATE  
WIMBORNE  
DORSET  
BH21 7RY

Telephone: 01202 624468

Fax: 01202 625132

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APPROVED SIGNATORY

NAME: D Underwood

SIGNED:

SUBMITTED BY:

DATE OF CALIBRATION: 21/07/2022

CUSTOMER:

PPT Group UK Ltd (Slinfold) t/a Mecmesin Ltd Slinfold, Stane Lane, West Sussex, Horsham, RH13 0SZ

DESCRIPTION:

Micrometer Setting Rod(s) Metric

SIZE(S): 50 mm

MANUFACTURER:

Mitutoyo

SERIAL NO:

TM0454

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>
50 mm	0.002 mm	50.0008 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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