

CERTIFICATE OF CALIBRATION

ISSUED BY MP CALIBRATION SERVICES

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APPROVED SIGNATORY

NAME: T Rutter

SIGNED:

SUBMITTED BY:

DATE OF CALIBRATION: 24/01/2020

CUSTOMER: Mecmesin Ltd Slinfold, West Sussex RH13 0SZ

DESCRIPTION: Micrometer Setting Rod(s) Metric SIZE(S): 600 mm

MANUFACTURER: Mitutoyo SERIAL NO: LB6A

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>
600 mm	0.006 mm	599.9995 mm

Uncertainty of measurement $\pm 0.001 \text{ mm} + (0.008 \text{ mm} \times \text{Length in Metres})$

Out of Specification readings will be indicated by *

Note: Parallelism error of 0.007 mm

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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