

Form
FOR-04
Calibration Certificate
usCalibration

 17922 Sky Park Circle, Suite P
 Irvine, CA 92614
 Phone: (949) 724-9474
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Calibration
 Certificate Number 2092.01

Customer: AAATest Company
Address: Two Test Drive
 Test City, CA 99923
Phone#: 949-724-9080

Certificate Number: SR-AA738852
Issue Date: 07/21/2025
Customer PO #: A
Calibration Date: 07/19/2025
Calibration Due Date: 07/19/2026
Job Number: J-AA74284

Device Under Test:
ID#: 00001
S/N: 111222
Manufacturer: Mitutoyo
Model: 2046S
Description: Dial Indicator

Device Conditions:
Condition: Good
As Received: Out of Tolerance
As Returned: In Tolerance

Environmental Conditions:
Location: usCalibration Laboratory (See address above)
Temperature: 20°C
Humidity: 45%

Tolerance:
 ± 0.01 mm

Calibration Procedure: T.O. 33K6-4-889-1 : Calibration Procedure for Dial Indicators, Digital Indicators, Incremental Probes and Test Indicator, 30 Feb 2020

Additions: None

Exclusions: None

Measurements performed, certificate inspected and approved by:

Brian Carpenter, Technician

Standards Used:

Manufacturer	Model	Description	Control Number	Calibration Due Date
Fowler	None Visible	Gage Block Set, 47 Piece, Metric	T-0414	01/13/2026

Please Note:

Pass/Fail information, that may have been included on this certificate if requested, is for your convenience and is an opinion and/or interpretation of the compliance/noncompliance of the results of the calibration measurements based on the specifications as stated in the referenced procedure (unless otherwise noted.) When a statement of compliance is issued, decisions are based upon the calibration measurement results falling within specified limits with no reduction by the expanded uncertainty of measurement provided. A Test Uncertainty Ratio (TUR) of 4:1 or better is maintained where possible. If the TUR is determined to not fall within market accepted values, escalation to the customer for an acceptable decision rule is requested. Ultimately the sole responsibility regarding the decision for compliance/noncompliance remains with the customer and should be based on the usage of the item and measurement uncertainty requirements of the end user's application. The expanded uncertainty of measurement is estimated using a coverage factor (k) of 2, providing a confidence level of approximately 95%.

This calibration certificate applies only to the item described and shall not be reproduced except in full, without the written approval of usCalibration Incorporated.

This calibration is traceable to the international system of units (SI), through a National Metrology Institute, such as NIST.

The standards and calibration program of usCalibration comply with the requirements of ISO/IEC 17025:2017.

Calibration due dates appearing on the Calibration Certificate and label are specified by the client, are provided for administrative purposes and do not imply continued conformance to specification.

Calibration Data

Range	Nominal	As Found OOT	As Left OOT	Lower Limit	Upper Limit	Uncertainty
Length						
0-5 mm	1.00 mm	1.02 mm ✓	1.00 mm	0.99 mm	1.01 mm	6.7e-003 mm
0-5 mm	2.00 mm	2.00 mm	Same	1.99 mm	2.01 mm	6.7e-003 mm
0-5 mm	3.00 mm	3.00 mm	Same	2.99 mm	3.01 mm	6.7e-003 mm
0-5 mm	4.00 mm	4.00 mm	Same	3.99 mm	4.01 mm	6.7e-003 mm
0-5 mm	5.00 mm	5.00 mm	Same	4.99 mm	5.01 mm	6.7e-003 mm