

Fox Valley Metrology

3114 Medalist Drive
 Oshkosh, WI 54902
 (920) 426-5894 • Fax (920) 426-8120
<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

| CERTIFICATION NUMBER CP134-00427-847 FOR Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902 TEST INSTRUMENT Micrometers Pressure MAKE Mitutoyo MODEL 510-131 RANGE (0 to 1) in CUSTOMER LOCATION Location1 Location2 CONDITION RECEIVED In Tolerance CONDITION RETURNED In Tolerance CALIBRATED BY Jacob Nachtrab REVIEWED/ISSUED D.P. 07/29/2025 CALIBRATION LOCATION FVM ENVIRONMENT 69.0°F, 31.0%RH, 28.92inHg CALIBRATION DATE 05/14/2025 RECALIBRATION DUE 05/14/2026 | IDENTIFICATION HT-001C SERIAL NUMBER 427 PURCHASE ORDER # PROCEDURES FOLLOWED HT-001C rev. 1 STANDARDS USED <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>INSTRUMENT</th> <th>SERIAL NUMBER</th> <th>TRACE NUMBER</th> <th>NEXT CAL</th> </tr> </thead> <tbody> <tr> <td>FVR-144</td> <td>N/A</td> <td>C0163-25642-662</td> <td>06/30/2025</td> </tr> <tr> <td>FVS-498</td> <td>FVS-498</td> <td>C0143-47763-541</td> <td>05/31/2025</td> </tr> </tbody> </table> | INSTRUMENT | SERIAL NUMBER | TRACE NUMBER | NEXT CAL | FVR-144 | N/A | C0163-25642-662 | 06/30/2025 | FVS-498 | FVS-498 | C0143-47763-541 | 05/31/2025 |
|---|---|-----------------|---------------|--------------|----------|---------|-----|-----------------|------------|---------|---------|-----------------|------------|
| INSTRUMENT | SERIAL NUMBER | TRACE NUMBER | NEXT CAL | | | | | | | | | | |
| FVR-144 | N/A | C0163-25642-662 | 06/30/2025 | | | | | | | | | | |
| FVS-498 | FVS-498 | C0143-47763-541 | 05/31/2025 | | | | | | | | | | |



CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

| FEATURE | NOMINAL | LOWER LIMIT | UPPER LIMIT | AS FOUND | AS LEFT | UNCERTAINTY | |
|-----------|---------|-------------|-------------|----------|---------|-------------|--------|
| Range | (in) | (in) | (in) | (in) | (in) | (in) | |
| | 0.10700 | 0.10688 | 0.10712 | 0.10700 | 0.10700 | 2.7E-5 | |
| | 0.11200 | 0.11188 | 0.11212 | 0.11200 | 0.11200 | 2.7E-5 | |
| | 0.11800 | 0.11788 | 0.11812 | 0.11800 | 0.11800 | 2.7E-5 | |
| | 0.50000 | 0.49988 | 0.50012 | 0.50000 | 0.50000 | 2.9E-5 | |
| | 1.00000 | 0.99988 | 1.00012 | 1.00000 | 1.00000 | 3.0E-5 | |
| Parallel | (in) | (in) | (in) | (in) | (in) | (in) | |
| | 0.00000 | -0.00002 | 0.00002 | 0.00000 | 0.00000 | 2.7E-5 | |
| Indicator | (in) | (in) | (in) | (in) | (in) | (in) | |
| | Plus | 0.00200 | 0.00196 | 0.00204 | 0.00200 | 0.00200 | 2.7E-5 |
| | Minus | 0.00200 | 0.00196 | 0.00204 | 0.00200 | 0.00200 | 2.7E-5 |

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration. Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.