

**CERTIFICATE OF  
 CALIBRATION**



Certificate No. ACT-1272

<p><b>CERTIFICATION NUMBER</b> CP134-00380-840</p> <p><b>FOR</b> Sample Manufacturing          3121 Medalist Drive          Oshkosh, WI 54902</p> <p><b>TEST INSTRUMENT</b> Pin Gages</p> <p><b>MAKE</b> Pin Gages  <b>MODEL</b> Class ZZ  <b>RANGE</b> 0.01100 - 0.06000 (in)</p> <p><b>CUSTOMER LOCATION</b> Location1          Location2</p> <p><b>CONDITION RECEIVED</b> In Tolerance  <b>CONDITION RETURNED</b> In Tolerance  <b>CALIBRATED BY</b> Brittany Lemke  <b>REVIEWED/ISSUED</b> D.P. 07/29/2025  <b>CALIBRATION LOCATION</b> FVM  <b>ENVIRONMENT</b> 69.0°F, 31.0%RH, 28.92inHg  <b>CALIBRATION DATE</b> 05/14/2025  <b>RECALIBRATION DUE</b> 05/14/2026</p>	<p><b>IDENTIFICATION</b> HG-003A</p> <p><b>SERIAL NUMBER</b> 380</p> <p><b>PURCHASE ORDER #</b></p> <p><b>PROCEDURES FOLLOWED</b>          HG-003A rev. 2</p> <p><b>STANDARDS USED</b></p> <table border="1"> <thead> <tr> <th>INSTRUMENT</th> <th>SERIAL NUMBER</th> <th>TRACE NUMBER</th> <th>NEXT CAL</th> </tr> </thead> <tbody> <tr> <td>T-0318</td> <td>LR-888-31</td> <td>C0241-33063-847</td> <td>08/31/2025</td> </tr> <tr> <td>T-0319</td> <td></td> <td>CP029-56594-847</td> <td>01/31/2026</td> </tr> <tr> <td>T-0920</td> <td>16782373.42</td> <td>CP131-48254-697</td> <td>05/31/2026</td> </tr> <tr> <td>T-0959</td> <td></td> <td>C0274-50504-847</td> <td>09/30/2025</td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	T-0318	LR-888-31	C0241-33063-847	08/31/2025	T-0319		CP029-56594-847	01/31/2026	T-0920	16782373.42	CP131-48254-697	05/31/2026	T-0959		C0274-50504-847	09/30/2025
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T-0959		C0274-50504-847	09/30/2025																		



**CALIBRATION RESULTS**

\* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
	(in)	(in)	(in)	(in)	(in)	(in)
Left	0.01100	0.01100	0.01120	0.01100	0.01100	1.1E-5
Right	0.01100	0.01100	0.01120	0.01100	0.01100	1.1E-5
Left	0.01200	0.01200	0.01220	0.01200	0.01200	1.1E-5
Right	0.01200	0.01200	0.01220	0.01200	0.01200	1.1E-5
Left	0.01300	0.01300	0.01320	0.01300	0.01300	1.1E-5
Right	0.01300	0.01300	0.01320	0.01300	0.01300	1.1E-5
Left	0.01400	0.01400	0.01420	0.01400	0.01400	1.1E-5
Right	0.01400	0.01400	0.01420	0.01400	0.01400	1.1E-5
Left	0.01500	0.01500	0.01520	0.01500	0.01500	1.1E-5
Right	0.01500	0.01500	0.01520	0.01500	0.01500	1.1E-5
Left	0.01600	0.01600	0.01620	0.01600	0.01600	1.1E-5
Right	0.01600	0.01600	0.01620	0.01600	0.01600	1.1E-5
Left	0.01700	0.01700	0.01720	0.01700	0.01700	1.1E-5
Right	0.01700	0.01700	0.01720	0.01700	0.01700	1.1E-5
Left	0.01800	0.01800	0.01820	0.01800	0.01800	1.1E-5
Right	0.01800	0.01800	0.01820	0.01800	0.01800	1.1E-5
Left	0.01900	0.01900	0.01920	0.01900	0.01900	1.1E-5
Right	0.01900	0.01900	0.01920	0.01900	0.01900	1.1E-5
Left	0.02000	0.02000	0.02020	0.02000	0.02000	1.1E-5
Right	0.02000	0.02000	0.02020	0.02000	0.02000	1.1E-5
Left	0.02100	0.02100	0.02120	0.02100	0.02100	1.1E-5
Right	0.02100	0.02100	0.02120	0.02100	0.02100	1.1E-5
Left	0.02200	0.02200	0.02220	0.02200	0.02200	1.1E-5
Right	0.02200	0.02200	0.02220	0.02200	0.02200	1.1E-5
Left	0.02300	0.02300	0.02320	0.02300	0.02300	1.1E-5
Right	0.02300	0.02300	0.02320	0.02300	0.02300	1.1E-5

# Fox Valley Metrology

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Left	0.02400	0.02400	0.02420	0.02400	0.02400	1.1E-5
Right	0.02400	0.02400	0.02420	0.02400	0.02400	1.1E-5
Left	0.02500	0.02500	0.02520	0.02500	0.02500	1.1E-5
Right	0.02500	0.02500	0.02520	0.02500	0.02500	1.1E-5
Left	0.02600	0.02600	0.02620	0.02600	0.02600	1.1E-5
Right	0.02600	0.02600	0.02620	0.02600	0.02600	1.1E-5
Left	0.02700	0.02700	0.02720	0.02700	0.02700	1.1E-5
Right	0.02700	0.02700	0.02720	0.02700	0.02700	1.1E-5
Left	0.02800	0.02800	0.02820	0.02800	0.02800	1.1E-5
Right	0.02800	0.02800	0.02820	0.02800	0.02800	1.1E-5
Left	0.02900	0.02900	0.02920	0.02900	0.02900	1.1E-5
Right	0.02900	0.02900	0.02920	0.02900	0.02900	1.1E-5
Left	0.03000	0.03000	0.03020	0.03000	0.03000	1.1E-5
Right	0.03000	0.03000	0.03020	0.03000	0.03000	1.1E-5
Left	0.03100	0.03100	0.03120	0.03100	0.03100	1.1E-5
Right	0.03100	0.03100	0.03120	0.03100	0.03100	1.1E-5
Left	0.03200	0.03200	0.03220	0.03200	0.03200	1.1E-5
Right	0.03200	0.03200	0.03220	0.03200	0.03200	1.1E-5
Left	0.03300	0.03300	0.03320	0.03300	0.03300	1.1E-5
Right	0.03300	0.03300	0.03320	0.03300	0.03300	1.1E-5
Left	0.03400	0.03400	0.03420	0.03400	0.03400	1.1E-5
Right	0.03400	0.03400	0.03420	0.03400	0.03400	1.1E-5
Left	0.03500	0.03500	0.03520	0.03500	0.03500	1.1E-5
Right	0.03500	0.03500	0.03520	0.03500	0.03500	1.1E-5
Left	0.03600	0.03600	0.03620	0.03600	0.03600	1.1E-5
Right	0.03600	0.03600	0.03620	0.03600	0.03600	1.1E-5
Left	0.03700	0.03700	0.03720	0.03700	0.03700	1.1E-5
Right	0.03700	0.03700	0.03720	0.03700	0.03700	1.1E-5
Left	0.03800	0.03800	0.03820	0.03800	0.03800	1.1E-5
Right	0.03800	0.03800	0.03820	0.03800	0.03800	1.1E-5
Left	0.03900	0.03900	0.03920	0.03900	0.03900	1.1E-5
Right	0.03900	0.03900	0.03920	0.03900	0.03900	1.1E-5
Left	0.04000	0.04000	0.04020	0.04000	0.04000	1.1E-5
Right	0.04000	0.04000	0.04020	0.04000	0.04000	1.1E-5
Left	0.04100	0.04100	0.04120	0.04100	0.04100	1.1E-5
Right	0.04100	0.04100	0.04120	0.04100	0.04100	1.1E-5
Left	0.04200	0.04200	0.04220	0.04200	0.04200	1.1E-5
Right	0.04200	0.04200	0.04220	0.04200	0.04200	1.1E-5
Left	0.04300	0.04300	0.04320	0.04300	0.04300	1.1E-5
Right	0.04300	0.04300	0.04320	0.04300	0.04300	1.1E-5
Left	0.04400	0.04400	0.04420	0.04400	0.04400	1.1E-5
Right	0.04400	0.04400	0.04420	0.04400	0.04400	1.1E-5
Left	0.04500	0.04500	0.04520	0.04500	0.04500	1.1E-5
Right	0.04500	0.04500	0.04520	0.04500	0.04500	1.1E-5
Left	0.04600	0.04600	0.04620	0.04600	0.04600	1.1E-5
Right	0.04600	0.04600	0.04620	0.04600	0.04600	1.1E-5
Left	0.04700	0.04700	0.04720	0.04700	0.04700	1.1E-5
Right	0.04700	0.04700	0.04720	0.04700	0.04700	1.1E-5
Left	0.04800	0.04800	0.04820	0.04800	0.04800	1.1E-5
Right	0.04800	0.04800	0.04820	0.04800	0.04800	1.1E-5
Left	0.04900	0.04900	0.04920	0.04900	0.04900	1.1E-5

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Right	0.04900	0.04900	0.04920	0.04900	0.04900	1.1E-5
Left	0.05000	0.05000	0.05020	0.05000	0.05000	1.1E-5
Right	0.05000	0.05000	0.05020	0.05000	0.05000	1.1E-5
Left	0.05100	0.05100	0.05120	0.05100	0.05100	1.1E-5
Right	0.05100	0.05100	0.05120	0.05100	0.05100	1.1E-5
Left	0.05200	0.05200	0.05220	0.05200	0.05200	1.1E-5
Right	0.05200	0.05200	0.05220	0.05200	0.05200	1.1E-5
Left	0.05300	0.05300	0.05320	0.05300	0.05300	1.1E-5
Right	0.05300	0.05300	0.05320	0.05300	0.05300	1.1E-5
Left	0.05400	0.05400	0.05420	0.05400	0.05400	1.1E-5
Right	0.05400	0.05400	0.05420	0.05400	0.05400	1.1E-5
Left	0.05500	0.05500	0.05520	0.05500	0.05500	1.1E-5
Right	0.05500	0.05500	0.05520	0.05500	0.05500	1.1E-5
Left	0.05600	0.05600	0.05620	0.05600	0.05600	1.1E-5
Right	0.05600	0.05600	0.05620	0.05600	0.05600	1.1E-5
Left	0.05700	0.05700	0.05720	0.05700	0.05700	1.1E-5
Right	0.05700	0.05700	0.05720	0.05700	0.05700	1.1E-5
Left	0.05800	0.05800	0.05820	0.05800	0.05800	1.1E-5
Right	0.05800	0.05800	0.05820	0.05800	0.05800	1.1E-5
Left	0.05900	0.05900	0.05920	0.05900	0.05900	1.1E-5
Right	0.05900	0.05900	0.05920	0.05900	0.05900	1.1E-5
Left	0.06000	0.06000	0.06020	0.06000	0.06000	1.1E-5
Right	0.06000	0.06000	0.06020	0.06000	0.06000	1.1E-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.