

**CERTIFICATE OF
 CALIBRATION**



Certificate No. ACT-1272

<p>CERTIFICATION NUMBER CP134-00256-840</p> <p>FOR Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902</p> <p>TEST INSTRUMENT ULM</p> <p>MAKE Mahr MODEL 828 CIM RANGE (0 to 300) mm ACCURACY ±(0.055+L/1500) µm</p> <p>CUSTOMER LOCATION Location1 Location2</p> <p>CONDITION RECEIVED In Tolerance CONDITION RETURNED In Tolerance CALIBRATED BY Brittany Lemke 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</p>	<p>IDENTIFICATION HG-000I</p> <p>SERIAL NUMBER 256</p> <p>PURCHASE ORDER #</p> <p>PROCEDURES FOLLOWED HG-000I rev. 1</p> <p>STANDARDS USED</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>FVM-018A</td> <td></td> <td>C0073-38627-324</td> <td>07/31/2025</td> </tr> <tr> <td>FVM-060B</td> <td>16781927.29</td> <td>C0190-17156-690</td> <td>07/31/2025</td> </tr> <tr> <td>FVS-385</td> <td>As listed</td> <td>C0264-34529-087</td> <td>07/31/2025</td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVM-018A		C0073-38627-324	07/31/2025	FVM-060B	16781927.29	C0190-17156-690	07/31/2025	FVS-385	As listed	C0264-34529-087	07/31/2025
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CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Travel	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Linearity	25.00000	24.99993	25.00007	25.00000	25.00000	1.4E-4
	50.00000	49.99991	50.00009	50.00000	50.00000	1.6E-4
	75.00000	74.99989	75.00011	75.00000	75.00000	1.8E-4
	100.00000	99.99988	100.00012	100.00000	100.00000	2.1E-4
	125.00000	124.99984	125.00016	125.00000	125.00000	2.3E-4
	175.00000	174.99981	175.00019	175.00000	175.00000	2.8E-4
	250.00000	249.99978	250.00022	250.00000	250.00000	3.5E-4
	300.00000	299.99974	300.00026	300.00000	300.00000	3.9E-4

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.