

Fox Valley Metrology

3114 Medalist Drive

Oshkosh, WI 54902

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00139-840	IDENTIFICATION	MC-002K																				
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	139																				
TEST INSTRUMENT	Hardness Tester	PURCHASE ORDER #																					
MAKE	Mount Hope	PROCEDURES FOLLOWED	MC-002K rev. 0																				
MODEL	1000	STANDARDS USED																					
CUSTOMER LOCATION	Location1 Location2	<table><tr><th>INSTRUMENT</th><th>SERIAL NUMBER</th><th>TRACE NUMBER</th><th>NEXT CAL</th></tr><tr><td>FVM-131</td><td>TG2103-1070</td><td>CP041-20520-924</td><td>01/31/2026</td></tr><tr><td>FVS-275M</td><td>16787403.28</td><td>C0141-16400-690</td><td>05/31/2025</td></tr><tr><td>FVS-905</td><td>1179043 / 4239382</td><td>C0199-24955-513</td><td>07/31/2025</td></tr><tr><td>FVS-977</td><td></td><td>C0192-40244-590</td><td>07/31/2025</td></tr></table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVM-131	TG2103-1070	CP041-20520-924	01/31/2026	FVS-275M	16787403.28	C0141-16400-690	05/31/2025	FVS-905	1179043 / 4239382	C0199-24955-513	07/31/2025	FVS-977		C0192-40244-590	07/31/2025	
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CONDITION RECEIVED	In Tolerance																						
CONDITION RETURNED	In Tolerance																						
CALIBRATED BY	Neil Anderson																						
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																						

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Indicator	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Travel	1.00	0.99	1.01	1.00	1.00	6.0E-3
	1.25	1.24	1.26	1.25	1.25	6.0E-3
	1.50	1.49	1.51	1.50	1.50	6.0E-3
	2.00	1.99	2.01	2.00	2.00	6.0E-3
	3.00	2.98	3.02	3.00	3.00	6.0E-3
	5.00	4.98	5.02	5.00	5.00	6.0E-3
Load	(N)	(N)	(N)	(N)	(N)	(N)
@60 s	9.80			9.80	9.80	4.2E-2
Indenter Tip	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Diameter	3.1750	3.1600	3.1900	3.1750	3.1750	1.0E-3

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.