

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	CP134-00314-840	IDENTIFICATION	MC-001D
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	314
TEST INSTRUMENT	Pressure Module	PURCHASE ORDER #	
MAKE	GE Druck	PROCEDURES FOLLOWED	MC-001D rev. 1
MODEL	CM0-14G		
RANGE	(-15 to 500) psi		
ACCURACY	±(0.02% Rdg ± 0.02% FS)		
CUSTOMER LOCATION	Location1 Location2	STANDARDS USED	
CONDITION RECEIVED	In Tolerance	INSTRUMENT	SERIAL NUMBER
CONDITION RETURNED	In Tolerance	FVS-275M	16787403.28
CALIBRATED BY	Alex Paulsen	FVS-357	65165
REVIEWED/ISSUED	D.P. 07/29/2025	FVS-359	64795
CALIBRATION LOCATION	FVM	FVS-360	TL1667
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg	FVS-362	63662
CALIBRATION DATE	05/14/2025	FVS-363	65475
RECALIBRATION DUE	05/14/2026	FVS-365	25504
			TRACE NUMBER
			C0141-16400-690
			CM276-31156-694
			CM276-31338-694
			CM276-30875-694
			CM276-30332-694
			CM276-30581-694
			CM276-30118-694
			NEXT CAL
			07/31/2025
			07/31/2025
			07/31/2025
			07/31/2025
			07/31/2025
			07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Gauge Pressure	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)
	-14.0000	-14.1028	-13.8972	-14.0000	-14.0000	1.7E-4
	-11.2500	-11.3523	-11.1477	-11.2500	-11.2500	1.4E-4
	-7.5000	-7.6015	-7.3985	-7.5000	-7.5000	9.3E-5
	-3.7500	-3.8508	-3.6492	-3.7500	-3.7500	6.0E-5
	-1.5000	-1.6003	-1.3997	-1.5000	-1.5000	6.0E-5
	0.0000	-0.1000	0.1000	0.0000	0.0000	6.0E-5
	50.0000	49.8900	50.1100	50.0000	50.0000	1.6E-3
	100.0000	99.8800	100.1200	100.0000	100.0000	2.9E-3
	150.0000	149.8700	150.1300	150.0000	150.0000	4.1E-3
	200.0000	199.8600	200.1400	200.0000	200.0000	5.4E-3
	250.0000	249.8500	250.1500	250.0000	250.0000	6.6E-3
	300.0000	299.8400	300.1600	300.0000	300.0000	7.9E-3
	350.0000	349.8300	350.1700	350.0000	350.0000	9.1E-3
	400.0000	399.8200	400.1800	400.0000	400.0000	1.0E-2
	450.0000	449.8100	450.1900	450.0000	450.0000	1.2E-2
	500.0000	499.8000	500.2000	500.0000	500.0000	1.3E-2
	450.0000	449.8100	450.1900	450.0000	450.0000	1.2E-2
	400.0000	399.8200	400.1800	400.0000	400.0000	1.0E-2
	350.0000	349.8300	350.1700	350.0000	350.0000	9.1E-3
	300.0000	299.8400	300.1600	300.0000	300.0000	7.9E-3
	250.0000	249.8500	250.1500	250.0000	250.0000	6.6E-3
	200.0000	199.8600	200.1400	200.0000	200.0000	5.4E-3
	150.0000	149.8700	150.1300	150.0000	150.0000	4.1E-3
	100.0000	99.8800	100.1200	100.0000	100.0000	2.9E-3

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
	50.0000	49.8900	50.1100	50.0000	50.0000	1.6E-3
	0.0000	-0.1000	0.1000	0.0000	0.0000	6.0E-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.