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

CERTIFICATE OF CALIBRATION

ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 CALIBRATION AND DIMENSIONAL MEASUREMENT

Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00111-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Tensile Tester
MAKE	Starrett
MODEL	FMS1000
RANGE	(0 to 1000N) (0 to 30) inch
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
CONDITION RETURNED	In Tolerance
CALIBRATED BY	Andrew Gallman
REVIEWED/ISSUED	D.P. 07/29/2025
CALIBRATION LOCATION	FVM
ENVIRONMENT	69.0°F, 31.0%RH, 29.01inHg
CALIBRATION DATE	05/14/2025
RECALIBRATION DUE	05/14/2026

IDENTIFICATION	MC-013A
SERIAL NUMBER	111
PURCHASE ORDER #	

PROCEDURES FOLLOWED

MC-013A rev. 2

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVB-059	N/A	CO304-57915-896	10/31/2025
FVB-073	N/A	CP002-53635-735	01/31/2026
FVB-119	N/A	CP164-20137-656	06/30/2026
FVB-184C	N/A	CP133-53242-881	05/31/2026
FVS-019G-BLUE	As Listed	CP120-46918-681	10/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Compression	(lb)	(lb)	(lb)	(lb)	(lb)	(lb)
Run 1	0.00	-0.23	0.23	0.00	0.00	3.2E-2
	2.00	1.77	2.23	2.00	2.00	3.2E-2
	20.00	19.77	20.23	20.00	20.00	3.2E-2
	50.00	49.77	50.23	50.00	50.00	3.3E-2
	100.00	99.77	100.23	100.00	100.00	1.5E-1
	150.00	149.77	150.23	150.00	150.00	1.6E-1
	200.00	199.77	200.23	200.00	200.00	1.8E-1
Run 2	0.00	-0.23	0.23	0.00	0.00	3.2E-2
	2.00	1.77	2.23	2.00	2.00	3.2E-2
	20.00	19.77	20.23	20.00	20.00	3.2E-2
	50.00	49.77	50.23	50.00	50.00	3.3E-2
	100.00	99.77	100.23	100.00	100.00	1.5E-1
	150.00	149.77	150.23	150.00	150.00	1.6E-1
	200.00	199.77	200.23	200.00	200.00	1.8E-1
Tension	(lb)	(lb)	(lb)	(lb)	(lb)	(lb)
Run 1	0.00	-0.23	0.23	0.00	0.00	3.2E-2
	2.00	1.77	2.23	2.00	2.00	3.2E-2
	20.00	19.77	20.23	20.00	20.00	3.2E-2
	50.00	49.77	50.23	50.00	50.00	3.3E-2
	100.00	99.77	100.23	100.00	100.00	1.5E-1
	150.00	149.77	150.23	150.00	150.00	1.6E-1
	200.00	199.77	200.23	200.00	200.00	1.8E-1
	200.00	199.77	200.23	200.00	200.00	1.8E-1

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Run 2	0.00	-0.23	0.23	0.00	0.00	3.2E-2
	2.00	1.77	2.23	2.00	2.00	3.2E-2
	20.00	19.77	20.23	20.00	20.00	3.2E-2
	50.00	49.77	50.23	50.00	50.00	3.3E-2
	100.00	99.77	100.23	100.00	100.00	1.5E-1
	150.00	149.77	150.23	150.00	150.00	1.6E-1
	200.00	199.77	200.23	200.00	200.00	1.8E-1
Displacement	(in)	(in)	(in)	(in)	(in)	(in)
Run 1	3.000	2.999	3.001	3.000	3.000	6.0E-4
	7.500	7.499	7.501	7.500	7.500	6.0E-4
	15.000	14.997	15.003	15.000	15.000	6.0E-4
	22.500	22.496	22.504	22.500	22.500	6.0E-4
	30.000	29.994	30.006	30.000	30.000	6.0E-4
Run 2	3.000	2.999	3.001	3.000	3.000	6.0E-4
	7.500	7.499	7.501	7.500	7.500	6.0E-4
	15.000	14.997	15.003	15.000	15.000	6.0E-4
	22.500	22.496	22.504	22.500	22.500	6.0E-4
	30.000	29.994	30.006	30.000	30.000	6.0E-4
Speed	(in/min)	(in/min)	(in/min)	(in/min)	(in/min)	(in/min)
Run 1	5.000	4.990	5.010	5.000	5.000	1.7E-2
Run 2	5.000	4.990	5.010	5.000	5.000	1.7E-2
Run 1	25.000	24.950	25.050	25.000	25.000	1.7E-2
Run 2	25.000	24.950	25.050	25.000	25.000	1.7E-2
Run 1	50.000	49.900	50.100	50.000	50.000	1.7E-2
Run 2	50.000	49.900	50.100	50.000	50.000	1.7E-2

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.