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

CERTIFICATE OF CALIBRATION

ilac-MRA
ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
CALIBRATION AND DIMENSIONAL MEASUREMENT
Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00018-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Height Master
MAKE	Starrett
MODEL	258 18"
RANGE	(0.1 to 18) in
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
CONDITION RETURNED	In Tolerance
CALIBRATED BY	Curt Sprenger
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

IDENTIFICATION	HT-015A
SERIAL NUMBER	18
PURCHASE ORDER #	

PROCEDURES FOLLOWED

HT-015A rev. 1

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVR-035	2137	CO032-33011-777	07/31/2025
FVR-071		CO192-34900-662	07/31/2025
FVR-076	5C00540	CO060-48737-413	07/31/2025
FVR-119B	16782367.21	CO213-33882-690	07/31/2025
FVR-156		CO093-52341-590	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Stack	(in)	(in)	(in)	(in)	(in)	(in)
	1.00000	0.99980	1.00020	0.99998	0.99998	4.6E-5
	2.00000	1.99980	2.00020	2.00001	2.00001	4.8E-5
	3.00000	2.99980	3.00020	2.99994	2.99994	5.1E-5
	4.00000	3.99980	4.00020	4.00005	4.00005	5.4E-5
	5.00000	4.99980	5.00020	5.00003	5.00003	5.7E-5
	6.00000	5.99980	6.00020	6.00009	6.00009	5.9E-5
	7.00000	6.99980	7.00020	7.00011	7.00011	6.2E-5
	8.00000	7.99980	8.00020	8.00013	8.00013	6.5E-5
	9.00000	8.99980	9.00020	9.00008	9.00008	6.7E-5
	10.00000	9.99980	10.00020	10.00014	10.00014	7.0E-5
	11.00000	10.99980	11.00020	11.00011	11.00011	7.3E-5
	12.00000	11.99980	12.00020	12.00014	12.00014	7.5E-5
	13.00000	12.99980	13.00020	13.00012	13.00012	7.8E-5
	14.00000	13.99980	14.00020	14.00015	14.00015	8.1E-5
	15.00000	14.99980	15.00020	15.00014	15.00014	8.4E-5
	16.00000	15.99980	16.00020	16.00017	16.00017	8.6E-5
	17.00000	16.99980	17.00020	17.00018	17.00018	8.9E-5
	18.00000	17.99980	18.00020	18.00016	18.00016	9.2E-5
Lead Screw	(in)	(in)	(in)	(in)	(in)	(in)
	1.10700	1.10680	1.10720	1.10698	1.10698	4.6E-5
	1.11200	1.11180	1.11220	1.11199	1.11199	4.6E-5
	1.11800	1.11780	1.11820	1.11798	1.11798	4.6E-5
	1.50000	1.49980	1.50020	1.50001	1.50001	4.7E-5
Block Pitch	(in)	(in)	(in)	(in)	(in)	(in)
	0.00000	-0.00010	0.00010	0.00008	0.00008	4.3E-5

Reviewed

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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.