

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	CP134-00310-840	IDENTIFICATION	HG-016A
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	310
TEST INSTRUMENT	Spacer Blocks	PURCHASE ORDER #	
MAKE	Standard Spacer Blocks	PROCEDURES FOLLOWED	HG-016A rev. 1
MODEL	Standard Spacer Block Set		
RANGE	.050-1.000(in)		
CUSTOMER LOCATION	Location1 Location2	STANDARDS USED	
CONDITION RECEIVED	In Tolerance	INSTRUMENT	SERIAL NUMBER
CONDITION RETURNED	In Tolerance	FVM-017	351066
CALIBRATED BY	Brittany Lemke	FVM-060B	16781927.29
REVIEWED/ISSUED	D.P. 07/29/2025	FVM-131	TG2103-1070
CALIBRATION LOCATION	FVM	TRACE NUMBER	NEXT CAL
ENVIRONMENT	69.0°F, 31.0%RH, 28.92inHg	CP045-29094-590	07/31/2025
CALIBRATION DATE	05/14/2025	C0190-17156-690	07/31/2025
RECALIBRATION DUE	05/14/2026	CP041-20520-924	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Height	(in)	(in)	(in)	(in)	(in)	(in)
	0.05000	0.04995	0.05005	0.05000	0.05000	4.0E-5
	0.06000	0.05995	0.06005	0.06001	0.06001	4.0E-5
	0.06250	0.06245	0.06255	0.06251	0.06251	4.0E-5
	0.07000	0.06995	0.07005	0.07001	0.07001	4.0E-5
	0.08000	0.07995	0.08005	0.08000	0.08000	4.0E-5
	0.09000	0.08995	0.09005	0.09000	0.09000	4.0E-5
	0.10000	0.09995	0.10005	0.10000	0.10000	4.0E-5
	0.10100	0.10095	0.10105	0.10100	0.10100	4.0E-5
	0.10200	0.10195	0.10205	0.10202	0.10202	4.0E-5
	0.10300	0.10295	0.10305	0.10301	0.10301	4.0E-5
	0.10400	0.10395	0.10405	0.10400	0.10400	4.0E-5
	0.10500	0.10495	0.10505	0.10500	0.10500	4.0E-5
	0.10600	0.10595	0.10605	0.10600	0.10600	4.0E-5
	0.10700	0.10695	0.10705	0.10700	0.10700	4.0E-5
	0.10800	0.10795	0.10805	0.10800	0.10800	4.0E-5
	0.10900	0.10895	0.10905	0.10901	0.10901	4.0E-5
	0.11000	0.10995	0.11005	0.11000	0.11000	4.0E-5
	0.12000	0.11995	0.12005	0.12000	0.12000	4.0E-5
	0.12500	0.12495	0.12505	0.12501	0.12501	4.0E-5
	0.13000	0.12995	0.13005	0.13000	0.13000	4.0E-5
	0.14000	0.13995	0.14005	0.14000	0.14000	4.0E-5
	0.15000	0.14995	0.15005	0.15001	0.15001	4.0E-5
	0.16000	0.15995	0.16005	0.16000	0.16000	4.0E-5
	0.17000	0.16995	0.17005	0.17000	0.17000	4.0E-5
	0.18000	0.17995	0.18005	0.18000	0.18000	4.0E-5
	0.19000	0.18995	0.19005	0.19001	0.19001	4.0E-5

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
	0.20000	0.19995	0.20005	0.20000	0.20000	4.0E-5
	0.30000	0.29995	0.30005	0.30001	0.30001	4.1E-5
	0.40000	0.39995	0.40005	0.40000	0.40000	4.1E-5
	0.50000	0.49995	0.50005	0.50000	0.50000	4.1E-5
	0.60000	0.59995	0.60005	0.60000	0.60000	4.1E-5
	0.70000	0.69995	0.70005	0.70000	0.70000	4.1E-5
	0.80000	0.79995	0.80005	0.80001	0.80001	4.2E-5
	0.90000	0.89995	0.90005	0.90000	0.90000	4.2E-5
	1.00000	0.99995	1.00005	1.00000	1.00000	4.2E-5
	1.00000	0.99995	1.00005	1.00001	1.00001	4.2E-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.