

Fox Valley Metrology

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00430-840	IDENTIFICATION	EL-062A		
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	430		
TEST INSTRUMENT	Profilometer	PURCHASE ORDER #			
MAKE	Mitutoyo	PROCEDURES FOLLOWED	EL-062A rev. 2		
MODEL	SJ-210	STANDARDS USED			
CUSTOMER LOCATION	Location1 Location2	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
CONDITION RECEIVED	In Tolerance	FVC-020	N/A	C0131-51678-659	05/31/2025
CONDITION RETURNED	In Tolerance				
CALIBRATED BY	Brian L Gliszinski				
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
Roughness	(µin)	(µin)	(µin)	(µin)	(µin)	(µin)
(Ra)	118	114	122	118	118	2.1
	118	114	122	118	118	2.1
	118	114	122	118	118	2.1
	118	114	122	118	118	2.1
	118	114	122	118	118	2.1
Linearity	(µin)	(µin)	(µin)	(µin)	(µin)	(µin)
(Ra)	19	15	23	19	19	1.5
	19	15	23	19	19	1.5
	19	15	23	19	19	1.5
	19	15	23	19	19	1.5
	19	15	23	19	19	1.5
Stylus Check	(µin)	(µin)	(µin)	(µin)	(µin)	(µin)
(Ra)	16	12	20	16	16	1.5

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.