

Fox Valley Metrology

3114 Medalist Drive

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00126-840	IDENTIFICATION	MC-011B		
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	126		
TEST INSTRUMENT	Brinell Scope	PURCHASE ORDER #			
MAKE	King Tester Corporation	PROCEDURES FOLLOWED	MC-011B rev. 2		
MODEL	Brinell Scope	STANDARDS USED			
RANGE	(0 to 6) mm	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
CUSTOMER LOCATION	Location1 Location2	FVT-080		C0183-60308-591	07/31/2025
CONDITION RECEIVED	In Tolerance				
CONDITION RETURNED	In Tolerance				
CALIBRATED BY	Dakota Johnson				
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
Distance	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
	1.00	0.90	1.10	1.00	1.00	1.1E-2
	2.00	1.90	2.10	2.00	2.00	1.1E-2
	3.00	2.90	3.10	3.00	3.00	1.1E-2
	4.00	3.90	4.10	4.00	4.00	1.1E-2
	5.00	4.90	5.10	5.00	5.00	1.1E-2
	6.00	5.90	6.10	6.00	6.00	1.1E-2
Optics Cleaned	Pass/Fail	Pass/Fail	Pass/Fail	Pass	Pass	
Lens Alignment	Pass/Fail	Pass/Fail	Pass/Fail	Pass	Pass	

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.