

Fox Valley Metrology

3114 Medalist Drive

Oshkosh, WI 54902

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<https://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER CP134-00114-840	IDENTIFICATION EL-003D												
FOR Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER 114												
TEST INSTRUMENT Temperature Controller Temperature Controller	PURCHASE ORDER #												
MAKE Omron	PROCEDURES FOLLOWED EL-003D rev. 1												
MODEL E5CC													
RANGE (0 to 1350) °C													
CUSTOMER LOCATION Location1 Location2	STANDARDS USED												
CONDITION RECEIVED In Tolerance	<table><tr><td>INSTRUMENT</td><td>SERIAL NUMBER</td><td>TRACE NUMBER</td><td>NEXT CAL</td></tr><tr><td>FVB-074</td><td>FVB-074</td><td>C0127-46095-690</td><td>05/31/2025</td></tr><tr><td>UC1-004</td><td>4.10E+11</td><td>C0207-58810-348</td><td>07/31/2025</td></tr></table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVB-074	FVB-074	C0127-46095-690	05/31/2025	UC1-004	4.10E+11	C0207-58810-348	07/31/2025
INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL										
FVB-074	FVB-074	C0127-46095-690	05/31/2025										
UC1-004	4.10E+11	C0207-58810-348	07/31/2025										
CONDITION RETURNED In Tolerance													
CALIBRATED BY Philip Nikitin													
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
Temperature	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)
Type K	210	208	212	210	210	6.0E-1
	215	213	217	215	215	6.0E-1
	220	218	222	220	220	6.0E-1
	225	223	227	225	225	6.0E-1
	245	243	247	245	245	6.0E-1
	255	253	257	255	255	6.0E-1

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.