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

CERTIFICATE OF CALIBRATION

ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 CALIBRATION AND DIMENSIONAL MEASUREMENT

Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00369-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	LCR Meter
MAKE	IET Labs, Inc.
MODEL	DE-5000
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
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

IDENTIFICATION	EL-014A
SERIAL NUMBER	369
PURCHASE ORDER #	

PROCEDURES FOLLOWED

EL-014A rev. 1

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVS-692	E1-18111030	CP090-34791-629	07/31/2025
FVS-768	C1-1920989	CO124-56535-741	07/31/2025
FVS-769	C1-1920990	CO124-55785-741	07/31/2025
FVS-772	4681901	CO201-38368-461	07/31/2025
FVS-942	SYS51C24201785	CP093-59671-589	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
RESISTANCE @ 100Hz						
200 Ohm Range						
100 Ohm	100.00	98.97	101.03	100.00	100.00	6.0E-3
2 kOhm Range						
1 kOhm	1.0000	0.9968	1.0032	1.0000	1.0000	6.0E-5
20 kOhm Range						
10 kOhm	10.000	9.968	10.032	10.000	10.000	6.0E-4
200 kOhm Range						
100 kOhm	100.00	99.48	100.52	100.00	100.00	6.0E-3
2 MOhm Range						
1 Mohm	1.0000	0.9897	1.0103	1.0000	1.0000	6.0E-5
RESISTANCE (DCR)						
200 Ohm Range						
100 Ohm	100.00	98.97	101.03	100.00	100.00	6.0E-3
2 kOhm Range						
1 kOhm	1.0000	0.9978	1.0022	1.0000	1.0000	6.0E-5
20 kOhm Range						
10 kOhm	10.000	9.978	10.022	10.000	10.000	6.0E-4
200 kOhm Range						
100 kOhm	100.00	99.48	100.52	100.00	100.00	6.0E-3
2 MOhm Range						
1 Mohm	1.0000	0.9897	1.0103	1.0000	1.0000	6.0E-5
20 MOhm Range						
10 MOhm	10.000	9.797	10.203	10.000	10.000	6.0E-4
200 MOhm Range						

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
100 MOhm	100.00	97.70	102.30	100.00	100.00	6.0E-3
Capacitance @ 120Hz						
2000pF Range						
1000pF	1000.0	979.7	1020.3	1000.0	1000.0	6.0E-2
20nF Range						
10nF	10.000	9.968	10.032	10.000	10.000	6.0E-4
200nF Range						
100nF	100.00	99.68	100.32	100.00	100.00	6.0E-3
2000nF Range						
1000nF	1000.0	996.8	1003.2	1000.0	1000.0	6.0E-2
20uF Range						
10uF	10.000	9.938	10.062	10.000	10.000	6.0E-4
200uF Range						
100uF	100.00	98.97	101.03	100.00	100.00	6.0E-3
Inductance @ 1 kHz						
2000uH Range						
1000uH	1000.0	979.5	1020.5	1000.0	1000.0	6.0E-2
20mH Range						
10 mH	10.000	9.895	10.105	10.000	10.000	6.0E-4
200mH Range						
100mH	100.00	99.37	100.63	100.00	100.00	6.0E-3
2000mH Range						
1000mH	1000.0	996.8	1003.2	1000.0	1000.0	6.0E-2
Inductance @ 120 Hz						
20H Range						
10H	10.000	9.937	10.063	10.000	10.000	6.0E-4

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.