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	CP134-00367-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Loop Calibrator
MAKE	Practical Instrument Electronics
MODEL	422 Plus
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-025A
SERIAL NUMBER	367
PURCHASE ORDER #	

PROCEDURES FOLLOWED

EL-025A rev. 2

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVS-983	6202901	CP077-43531-762	07/31/2025
STL-069	2823A02911	CO351-36219-823	07/31/2025
STL-288	MY53002760	CO324-22859-687	07/31/2025
STL-582	16783470.72	CO204-16827-690	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
MEASUREMENT ACCURACY	(mA)	(mA)	(mA)	(mA)	(mA)	(mA)
DC Current	0.000	-0.003	0.003	0.000	0.000	6.0E-4
	4.000	3.996	4.004	4.000	4.000	6.0E-4
	8.000	7.995	8.005	8.000	8.000	6.0E-4
	16.000	15.994	16.006	16.000	16.000	6.0E-4
	20.000	19.993	20.007	20.000	20.000	6.0E-4
	24.000	23.992	24.008	24.000	24.000	6.0E-4
DC Voltage	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)
	-13.000	-13.007	-12.993	-13.000	-13.000	6.0E-4
	0.000	-0.006	0.006	0.000	0.000	6.0E-4
	5.000	4.994	5.006	5.000	5.000	6.0E-4
	20.000	19.992	20.008	20.000	20.000	6.0E-4
	40.000	39.991	40.009	40.000	40.000	6.0E-4
	60.000	59.989	60.011	60.000	60.000	6.0E-4
	80.000	79.988	80.012	80.000	80.000	6.0E-4
Themocouple	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)
Type K	-150.0	-150.6	-149.4	-150.0	-150.0	6.0E-2
	0.0	-0.2	0.2	0.0	0.0	6.0E-2
	50.0	49.8	50.2	50.0	50.0	6.0E-2
	250.0	249.8	250.2	250.0	250.0	6.0E-2
	500.0	499.8	500.2	500.0	500.0	6.0E-2
	1000.0	999.8	1000.2	1000.0	1000.0	6.0E-2
	1350.0	1349.7	1350.3	1350.0	1350.0	6.0E-2
SOURCE ACCURACY	(mA)	(mA)	(mA)	(mA)	(mA)	(mA)

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

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
DC Current	0.0000	-0.0030	0.0030	0.0000	0.0000	6.0E-5
	4.0000	3.9962	4.0038	4.0000	4.0000	6.0E-5
	8.0000	7.9954	8.0046	8.0000	8.0000	6.0E-5
	16.0000	15.9938	16.0062	16.0000	16.0000	6.0E-5
	20.0000	19.9930	20.0070	20.0000	20.0000	6.0E-5
	24.0000	23.9922	24.0078	24.0000	24.0000	6.0E-5
DC Voltage	(mV)	(mV)	(mV)	(mV)	(mV)	(mV)
	-13.0000	-13.0070	-12.9930	-13.0000	-13.0000	6.0E-5
	0.0000	-0.0060	0.0060	0.0000	0.0000	6.0E-5
	5.0000	4.9936	5.0064	5.0000	5.0000	6.0E-5
	20.0000	19.9924	20.0076	20.0000	20.0000	6.0E-5
	40.0000	39.9908	40.0092	40.0000	40.0000	6.0E-5
	60.0000	59.9892	60.0108	60.0000	60.0000	6.0E-5
	80.0000	79.9876	80.0124	80.0000	80.0000	6.0E-5
Themocouple	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)
Type K	-150.00	-150.60	-149.40	-150.00	-150.00	6.0E-3
	0.00	-0.20	0.20	0.00	0.00	6.0E-3
	50.00	49.80	50.20	50.00	50.00	6.0E-3
	250.00	249.80	250.20	250.00	250.00	6.0E-3
	500.00	499.80	500.20	500.00	500.00	6.0E-3
	1000.00	999.80	1000.20	1000.00	1000.00	6.0E-3
	1350.00	1349.70	1350.30	1350.00	1350.00	6.0E-3

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.