

CALTRONIX

Certificate of Calibration

CALTRONIX certifies that this instrument has been calibrated to published specifications using measurement standards traceable to the National Institute of Standards and Technology (NIST). CALTRONIX's calibration system meets or exceeds the requirements of MIL-STD-45662A, ANSI/NCSL Z540-1, ISO/IEC Guide 25 and ISO/IEC 17025.

CALTRONIX is accredited to ISO/IEC 17025 by ACLASS, Assured Calibration and Laboratory Accreditation Select Services, Certificate #'s AC-1182 & AC-1183.

Customer :	UNIVERSITY OF BUFFALO	Test Uncertainty Ratio:> or =	4 : 1
	WHITE ROAD	Procedure :	METCAL
	BUFFALO, NY 14260	Interval :	12 Months
Description :	SCOPEMETER	Date Received :	07/19/2007
Manufacturer :	FLUKE	Date Calibrated:	07/25/2007
Model Number :	123	Date Due :	07/25/2008
Serial Number :	DM8680584	Relative Humidity < or =	50 %
Company ID :		Temperature	74 F +/- 3.0 F
R.O. Number :	7K961		IN TOLERANCE

Uncertainty budgets have been calculated at a 95% confidence level using a coverage factor of k=2.

Calibration Facility : 100 Town Centre Drive <> Rochester, New York 14623

Asset	Manufacturer	Model No.	Description	Calcd	Due
9042	FLUKE	5520A	CALIBRATOR	10/13/2006	10/13/2007

NIST	Cap	Sandia 49426	Volts	Fluke JJA	Dimen	821/270003
Numbers	Ind	811/264817	Res	811/269310	Mass	822/264749
	Freq	USNO (GPS)	Temp	255156		



JAMES R. COYLE
Calibration Technician

Michael A. Dent 07/25/2007
Director of Quality

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This certificate may not be altered or reproduced, except in full, without written approval of CALTRONIX.

C A L I B R A T I O N D A T A S H E E T

CALTRONIX, Inc.
 100 Town Centre Drive
 Rochester, NY 14623
 (585) 359-3780 FAX (585) 334-0064

R.O. Number 7K961 Calibrated By 30 Date Calibrated 07/25/07

Manufacturer FLUKE Company UNIVERSITY OF BUFFALO

Model 123 Serial DM8680584

Description SCOPEMETER ID No.

AS FOUND/LEFT

Parameter/Range	True Value	Test Result	Acceptance Lo Limit	Limits Hi Limit	
0mV		0	-1	1	PASS
500mV/div					
INPUT A					
1.5V		1.5	1.5	1.5	PASS
INPUT B					
1.5V		1.5	1.5	1.5	PASS
1V/div					
INPUT A					
3V		3	3	3	PASS
INPUT B					
3V		3	3	3	PASS
2V/div					
INPUT A					
5V		5	5	5	PASS
-5V		-5	-5	-5	PASS
0V		0	-0	0	PASS
INPUT B					
5V		5	5	5	PASS
-5V		-5	-5	-5	PASS
0V		0	-0	0	PASS
5V/div					
INPUT A					
15V		15	15	15	PASS
INPUT B					
15V		15	15	15	PASS
10V/div					
INPUT A					
30V		30	30	30	PASS
INPUT B					
30V		30	30	30	PASS
20V/div					
INPUT A					
50V		50	50	50	PASS
-50V		-50	-50	-50	PASS
0V		0	-0	0	PASS
INPUT B					
50V		50	50	50	PASS
-50V		-50	-50	-50	PASS
0V		0	-0	0	PASS
50V/div					
INPUT A					

