



REPORT OF CALIBRATION

This instrument is calibrated and tested to verify compliance with Martel's test specifications for all ranges and parameters required to meet 1 year performance specifications. The calibration uses measurement standards traceable to the National Institute of Standards and Technology (NIST). This calibration complies with the requirements of ANSI/NCSL Z540-1-1994 part 2. Calibration and verification are performed at an ambient temperature of $23 \pm 5^\circ\text{C}$ and relative humidity of $> 20\%$ to $< 70\%$.

Any test uncertainty (TUR) less than 4:1 appears under the TUR heading on the data record. Where the TUR meets or exceeds 4:1, the TUR field is blank.

Tom Fatur

Tom Fatur
President

Nancy Fligg

Calibrated By
Nancy Fligg

Manufacturer: Martel Corporation
Model: M2000A-GPIB
Serial Number: 2664147



Cal Date: January 23, 2014
Report Date: January 23, 2014
Temperature: 20.9°C
Relative Humidity: 31 %

Calibration Procedure: M2000:(90 day)FINAL RS-232/1281,742 C
Procedure Revision: 1.0

Standards Used

Asset	Manufacturer	Model Number	Description	Cal. Date	Due Date
43681-1281	Wavetek-Datron	1281	Multimeter	18-Aug-13	18-Aug-14
1982011	Fluke Corporation	742A-10	Resistance Standard	24-Apr-12	24-Apr-14

Test Data

PARAMETER	RESULT	ACCEPTANCE LIMITS		TUR
		LOW	HIGH	
mV Source Verification				
0.0000mV	0.0012	-0.0030	0.0030	PASS
35.0000mV	35.0005	34.9961	35.0039	PASS
65.0000mV	65.0004	64.9954	65.0046	PASS
100.0000mV	100.0003	99.9945	100.0055	PASS
1V Source Verification				
0.00000V	0.000002	-0.000020	0.000020	PASS
0.350000V	0.349998	0.349971	0.350029	PASS
0.650000V	0.649998	0.649964	0.650036	PASS
1.000000V	0.999997	0.999955	1.000045	PASS
10V Source Verification				
0.00000V	0.00001	-0.00020	0.00020	PASS
3.50000V	3.49997	3.49971	3.50029	PASS
6.50000V	6.49997	6.49964	6.50036	PASS
10.00000V	9.99996	9.99955	10.00045	PASS
100V Source Verification				
0.0000V	0.0001	-0.0020	0.0020	PASS
35.0000V	34.9997	34.9971	35.0029	PASS
65.0000V	64.9996	64.9964	65.0036	PASS
100.0000V	99.9996	99.9955	100.0045	PASS
100mA Source Verification				
0.000000mA	0.000033	-0.002000	0.002000	PASS

MET/CAL RunTime Report: Calibration Results

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PARAMETER	RESULT	ACCEPTANCE LIMITS		TUR
		LOW	HIGH	
35.000000mA	35.000800	34.995025	35.004975	PASS
65.000000mA	65.001333	64.992475	65.007525	PASS
100.000000mA	100.000833	99.989500	100.010500	PASS

End of Test Data