



PARAMETER	UNITS	RANGE	ACCURACY	TECHNIQUE
DC (MEASURED)	VOLTS	1 - 10 uV	+/- 3 %	DC REF. STD. AND DIVIDER
		10 - 100 uV	+/- .3 %	
		100 - 1000 uV	+/- .03 %	
		1 - 10 mV	+/- .003 %	
		10 - 100 mV	+/- 2.5 ppm	
		100 - 1000 mV	+/- .7 ppm	
		1 - 10 V	+/- .52 ppm	
		10 - 700 V	+/- .7 ppm	
		700 - 1000 V	+/-5ppm+/-400uV	
		(SOURCED)	VOLTS	
10 - 700 V	+/- .7 ppm			AND DIVIDER
700 - 1000 V	+/-5ppm+/-400Uv			DC CALIBRATOR
1K - 100K V				
AC (MEASURED)	VOLTS	.5-100V 20hz - 20Khz	+/- 0.002 %	THERMAL TRANSFER STANDARD
		>100-1000V 20hz - 20Khz	+/- 0.0029 %	
		.5-100V 20 Khz - 50 Khz	+/- 0.0033 %	
		>100-1000V 20 Khz - 50Khz	+/- 0.0062 %	
		.5-100V 50 Khz - 100 Khz	+/- 0.005 %	
		>100V-1000V 50 Khz - 100 Khz	+/- 0.0092 %	
		.5-100V 100Khz - 1Mhz	+/- 0.0083 %	
		.25-5V 1Mhz - 10Mhz	+/- 0.1 %	
		.25-5V 10Mhz - 30Mhz	+/- 0.21 %	
		.25-5V 30Mhz - 100Mhz	+/- 1.0 %	
		.25-5V 100Mhz - 300Mhz	+/- 1.01 %	
		.25-5V 300Mhz - 500Mhz	+/- 1.0 2%	
		.25-5V 500Mhz - 700Mhz	+/- 1.0 4%	
		.25-5V 700Mhz - 1000Mhz	+/- 1.0 4%	
		AC (SOURCED)	VOLTS	
20 - 40hz	+/- 230ppm+5uV			
40 - 20Khz	+/- 120ppm+5uV			
20K - 50Khz	+/- 390ppm+5uV			
50K - 100Khz	+/- 950ppm+8uV			
100K - 300Khz	+/- .13%+15uV			
300K - 500Khz	+/- .17%+30uV			
500K - 1Mhz	+/- .35%+30uV			
2.2-22mV 10 - 20hz	+/- 600ppm+5uV			
20 - 40hz	+/- 230ppm+6uV			
40 - 20Khz	+/- 120ppm+6uV			
20K - 50Khz	+/- 390ppm+6uV			
50K - 100Khz	+/- 950ppm+8uV			
100K - 300Khz	+/- .13%+15uV			
300K - 500Khz	+/- .17%+30uV			
500K - 1Mhz	+/- .35%+30uV			
22-220mV 10 - 20hz	+/- 600ppm+16uV			
20 - 40hz	+/- 230ppm+10uV			
40 - 20Khz	+/- 110ppm+10uV			
20K - 50Khz	+/- 350ppm+10uV			
50K - 100Khz	+/- 850ppm+30uV			
100K - 300Khz	+/- .11%+30uV			
300K - 500Khz	+/- .17%+40uV			
500K - 1Mhz	+/- .35%+100uV			
.22-2.2V 10 - 20hz	+/-600ppm+100uV			
20 - 40hz	+/- 170ppm+30uV			
40 - 20Khz	+/- 80ppm+7uV			
20K - 50Khz	+/- 140ppm+20uV			
50K - 100Khz	+/- 270ppm+80uV			
100K - 300Khz	+/-470ppm+150uV			
300K - 500Khz	+/- .12%+400uV			
500K - 1Mhz	+/- .23%+1mV			
2.2-22V 10 - 20hz	+/- 600ppm+1mV			
20 - 40hz	+/-170ppm+300uV			
40 - 20Khz	+/- 80ppm+70uV			
20K - 50Khz	+/-140ppm+200uV			
50K - 100Khz	+/-270ppm+400uV			
100K - 300Khz	+/-550ppm+1.7mV			
300K - 500Khz	+/- .13%+5mV			
AC (CONT.)				



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		500K - 1Mhz	+/- .29%+9mV	
		22-220V 10 - 20hz	+/- 600ppm+10mV	
		20 - 40hz	+/- 170ppm+3mV	
		40 - 20Khz	+/- 85ppm+1mV	
		20K - 50Khz	+/- 240ppm+4mV	
		50K - 100Khz	+/- 600ppm+10mV	
		100K - 300Khz	+/- .16%+110mV	
		300K - 500Khz	+/- .53%+110mV	
		500K - 1Mhz	+/-1.25%+220mV	
		220-1100V 50hz - 1Khz	+/- 85ppm+4mV	
	Volts	1mV - 3 V 1Mhz- 100Mhz	+/-0.1 %	Micro Potentiometer
		1mV-3V 100Mhz - 1.2Ghz	+/- 1.1 %	
AC	Db	-50 - +20dbm .1-50Mhz	+/- .2 db	RF mV METER
(SOURCED & MEASURED)		-50 - -30dbm .05-2Ghz	+/- .15 db	POWER METER
		2-12Ghz	+/- .3 db	
		12-18.6Ghz	+/- .4 db	
		-30 - +20dbm .05-12Ghz	+/- .25 db	
		12-40Ghz	+/- .35 db	
(MEASURED)		40-44Ghz	+/- .45 db	
		44-50Ghz	+/- .55 db	
FREQUENCY	HERTZ	1 uhz - 40 Ghz	+/- 3 X 10 ⁻¹²	NIST RECIEVER
(SOURCED & MEASURED)		(SYNTHESIZED IN ENTIRE RANGE)		
INDUCTANCE	HENRIES	1 - 120 uH	+/- .2% +/-1dgt	BRIDGE
(MEASURED)		120 uH - 120 H	+/- .1% +/-1dgt	
		120 - 1200 H	+/- .2% +/-1dgt	
(SOURCED)		5 mH	+/- 0.1%	STANDARD
		50 mH	+/- 0.1%	INDUCTORS
		100 mH	+/- 0.1%	
		500 mH	+/- 0.1%	
CAPACITANCE	FARADS	1 - 120 pF	+/- .2% +/-0.25pf	BRIDGE
(MEASURED)		120 pF - 120 uF	+/- .1% +/-0.25pf	
		120 - 1200 uF	+/- .2% +/-1dgt	
(SOURCED)				
		1pF - 1uF @ 1Khz	+/- 10 ppm +/-0.3pF	STANDARD CAP
RESISTANCE	OHMS	.1 - 10 OHMS	+/- .005%+/-20dgt	DVM
(MEASURED)		10 - 100 OHMS	+/- .003%+/- 2dgt	
		100 - 4 MOHMS	+/- .003%+/- 1dgt	
		4 - 32 MOHMS	+/- .02 %+/- 1dgt	
		32 - 260 MOHMS	+/- .05 %+/- 1dgt	
(SOURCED & MEASURED)	OHMS	19m OHMS	+/- 500 ppm	STANDARD
		190m OHMS	+/- 200 ppm	RESISTORS
		1, 10, 100, 1K,	+/- 5 ppm	
		10K, 100K, 1M	+/- 10 ppm	
		10M OHMS	+/- 21 ppm	
		1.9 OHMS	+/- 100 ppm	CALIBRATOR
		19 OHMS	+/- 28 ppm	
		190 OHMS	+/- 18 ppm	
		1.9 KOHMS	+/- 13 ppm	
		19 KOHMS	+/- 12 ppm	
		190 KOHMS	+/- 14 ppm	
		1.9 MOHMS	+/- 21 ppm	
		19 MOHMS	+/- 50 ppm	
		100 MOHMS	+/- 125 ppm	
CURRENT	AC AMPS	100uA -20A @ DC-5Khz	+/- 400 ppm +/-10uA	PRECISION
(SOURCED & MEASURED)	DC AMPS	100uA - 100A	+/- 100 ppm +/-10uA	CURRENT
	AC AMPS	10 uA - 20A @ DC-5Khz	+/- 100 ppm +/-10uA	SHUNT
		100A @ 1KHz	+/- 100 ppm +/-10uA	
	DC AMPS	10 uA - 1A	+/- 2 ppm	STD RESISTOR



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(SOURCED CLAMP-ON ONLY)	AC AMPS	200uA - 1000A @ DC-400hz	+/- 400 ppm	PRECISION
	DC AMPS	200uA - 1000A	+/- 100 ppm	CURRENT SHUNT
Accelerometers & Vibration Sensors	g	2g	+/-3%	Comparitor System
Microphones	db	124db @250Hz	+/-0.3db	Pistonphone
		94db @ 1KHz	+/-0.4db	Sound Calibrator
		74db - 114db @ 125Hz to 4KHz	+/-0.4db	Omnical
		124db @250Hz	+/-0.2db	Std Microphone
Tachometers				
Contact	RPM	300-1800	+/-0.01%	Tachometer Tester
Detector	RPM	1-1,000,000	+/-0.001%	Strobe
Strobe Light	RPM	1-1,000,000	+/-0.001%	Time Standard
Temperature				
(Sourced)	C or F	-60deg C to 750deg C	+/-0.3deg C	Temp Std
(Measured)		-200deg C to 750deg C	+/-0.3deg C	Temp Std
Thermocouples RTD's		-60deg C to 200deg C	+/-0.5deg C	Temp Lab
Humidity	%	10% to 100%	+/- 1%	Ref Std