

Certificate of Accreditation



Techmaster Electronics LLC 10737 Gateway West, Suite 108 El Paso TX 79935

having satisfactorily demonstrated conformance to the requirements of

ISO/IEC 17025:1999,

and technical competence for the activities identified on the attached schedule,

TUV Rheinland of North America, Inc.

hereby grants accreditation for the following activities:

Calibration

Initial Approval: May 9, 2002

Current Approval: September 1, 2005

Current Expiration: August 31, 2008

Accreditation Certificate 74 400 2042

Revision: 3

A handwritten signature in blue ink, appearing to read 'Dave Moody'.

Dave Moody – Program Manager

Laboratory Accreditation Services

Youngsville NC

September 24, 2005

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Techmaster Electronics LLC El Paso TX

Accreditation Certificate 74 400 2042

Revision: 3

Parameter	Range	Uncertainty ¹	Notes
DC Volts – Source		ppm of output + uV	9100 opt. 100/600
	0 – 329.9999 mV	20 ppm + 1 uV	Resolution 0.1 µV
	0.33 V – 3.299999 V	11 ppm + 2 uV	Resolution 1 µV
	3.3 V – 32.99999 V	12 ppm + 15 uV	Resolution 10 µV
	33 V – 329.9999 V	18 ppm + 150 uV	Resolution 100 µV
	100 – 1000 V	18 ppm + 1500 uV	Resolution 1000 µV
DC Volts – Measure		ppm of reading + ppm of range	3458A
	100.0000 mV	9 ppm + 3 ppm	Resolution 10 nV
	1.000000 V	8 ppm + 3 ppm	Resolution 10 nV
	10.00000 V	8 ppm + 0.05 ppm	Resolution 100 nV
	100.0000 V	10 ppm + 0.3 ppm	Resolution 1 µV
	1000.000 V	10 ppm + 0.1 ppm	Resolution 10 µV

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Parameter	Range	Uncertainty ¹	Notes
AC Volts – Source		ppm of output + μV	9100 opt. 100/600
10 Hz – 45 Hz	1.0 mV – 32.999 mV	800 ppm + 6 μV	Resolution 1 μV
45 Hz – 10 kHz		150 ppm + 6 μV	Resolution 1 μV
10 kHz – 20 kHz		200 ppm + 6 μV	Resolution 1 μV
20 kHz – 50 kHz		1000 ppm + 6 μV	Resolution 1 μV
50 kHz – 100 kHz		3500 ppm + 12 μV	Resolution 1 μV
100 kHz – 500 kHz		8000 ppm + 50 μV	Resolution 1 μV
10 Hz – 45 Hz	33.0 mV – 329.999 mV	300 ppm + 8 μV	Resolution 1 μV
45 Hz – 10 kHz		130 ppm + 8 μV	Resolution 1 μV
10 kHz – 20 kHz		150 ppm + 8 μV	Resolution 1 μV
20 kHz – 50 kHz		350 ppm + 8 μV	Resolution 1 μV
50 kHz – 100 kHz		800 ppm + 32 μV	Resolution 1 μV
100 kHz – 500 kHz		2000 ppm + 70 μV	Resolution 1 μV

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Parameter	Range	Uncertainty ¹	Notes
AC Volts – Source		ppm of output + μ V	9100 opt. 100/600
10 Hz – 45 Hz	0.33 V – 3.29999 V	300 ppm + 50 μ V	Resolution 10 μ V
45 Hz – 10 kHz		120 ppm + 25 μ V	Resolution 10 μ V
10 kHz – 20 kHz		190 ppm + 50 μ V	Resolution 10 μ V
20 kHz – 50 kHz		300 ppm + 50 μ V	Resolution 10 μ V
50 kHz – 100 kHz		700 ppm + 125 μ V	Resolution 10 μ V
100 kHz – 500 kHz		2400 ppm + 600 μ V	Resolution 10 μ V
10 Hz – 45 Hz	3.3 V – 32.9999 V	300 ppm + 650 μ V	Resolution 100 μ V
45 Hz – 10 kHz		150 ppm + 200 μ V	Resolution 100 μ V
10 kHz- 20 kHz		240 ppm + 600 μ V	Resolution 100 μ V
20 kHz – 50 kHz		350 ppm + 600 μ V	Resolution 100 μ V
50 kHz - 100 kHz		900 ppm + 1600 μ V	Resolution 100 μ V

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Parameter	Range	Uncertainty ¹	Notes
AC Volts – Source		ppm of output + μ V	9100 opt. 100/600
45 Hz – 1 kHz	33.0 V – 329.999 V	190 ppm + 2000 μ V	Resolution 1 mV
1 kHz – 10 kHz		200 ppm + 6000 μ V	Resolution 1 mV
10 kHz - 20 kHz		250 ppm + 6000 μ V	Resolution 1 mV
20 kHz - 50 kHz		300 ppm + 6000 μ V	Resolution 1 mV
50 kHz - 100 kHz		2000 ppm + 50000 μ V	Resolution 1 mV
45 Hz – 1 kHz	330.0 V – 1020.0 V	300 ppm + 10000 μ V	Resolution 10 mV
1 kHz – 5 kHz		250 ppm + 10000 μ V	Resolution 10 mV
5 kHz – 10 kHz		300 ppm + 10000 μ V	Resolution 10 mV

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Parameter	Range	Uncertainty ¹	Notes
AC Volts – Measure		% of reading + % of range	3458A
1 Hz – 40 Hz	10 mV	0.03 + 0.03	
	100 mV – 10 V	0.007 + 0.004	
	100 V	0.02 + 0.004	
	1000 V	0.04 + 0.004	
40 Hz – 1 kHz	10 mV	0.02 + 0.011	
	100 mV – 10 V	0.007 + 0.002	
	100 V	0.02 + 0.002	
	1000 V	0.04 + 0.002	
1 kHz – 20 kHz	10 mV	0.03 + 0.011	
	100 mV – 10 V	0.014 + 0.002	
	100 V	0.02 + 0.002	
	1000 V	0.06 + 0.002	
20 kHz – 50 kHz	10 mV	0.1 + 0.011	
	100 mV – 10 V	0.03 + 0.002	
	100 V	0.035 + 0.002	
	1000 V	0.12 + 0.002	

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Parameter	Range	Uncertainty ¹	Notes
AC Volts – Measure		% of reading + % of range	3458A
50 kHz – 100 Hz	10 mV	0.5 + 0.011	
	100 mV – 10 V	0.08 + 0.002	
	100 V	0.12 + 0.002	
	1000 V	0.3 + 0.002	
100 kHz – 300 kHz	10 mV	4.0 + 0.02	
	100 mV – 10 V	0.3 + 0.01	
	100 V	0.4 + 0.01	
	1000 V	N/A	
300 kHz – 1 MHz	10 mV	N/A	
	100 mV – 10 V	1 + 0.01	
	100 V	1.5 + 0.01	
	1000 V	N/A	
1 MHz – 2MHz	10 mV	N/A	
	100 mV – 10 V	1.5 + 0.01	
	100 V	N/a	
	1000 V	N/A	A

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Parameter	Range	Uncertainty ¹	Notes
DC Current – Source		ppm of output + μ A	9100 opt. 100/600
	0 A – 329.999 μ A	150 ppm + 0.02 μ A	Resolution 1nA
	0.33 A – 3.29999 mA	100 ppm + 0.03 μ A	Resolution 0.01 μ A
	3.3 mA – 32.9999 mA	100 ppm + 0.2 μ A	Resolution 0.1 μ A
	33 mA – 329.999 mA	100 ppm + 2 μ A	Resolution 1 μ A
	0.33 A – 1.09999 A	200 ppm + 40 μ A	Resolution 10 μ A
	1.1 A – 2.99999 A	380 ppm + 40 μ A	Resolution 10 μ A
	3 A – 10.9999 A	500 ppm + 330 μ A	Resolution 100 μ A
	11 A – 20.5 A	1000 ppm + 750 μ A	Resolution 100 μ A

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Parameter	Range	Uncertainty ¹	Notes
DC Current – Measure		ppm Reading + ppm Range	3458A
	100 nA	30 + 400	
	1 µA	20 + 40	
	10 µA	20 + 10	
	100 µA	20 + 8	
	1 mA	20 + 5	
	10 mA	20 + 5	
	100 mA	35 + 5	
	1A	110 + 10	

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Parameter	Range	Uncertainty ¹	Notes
AC Current – Source		% of output + μA	9100 opt. 100/600
10 Hz – 20 Hz	29.00 μA – 329.99 μA	0.2 % + 0.1 μA	
20 Hz – 45 Hz		0.15 % + 0.1 μA	
45 Hz – 1 kHz		0.125 % + 0.1 μA	
1 kHz – 5 kHz		0.3 % + 0.15 μA	
5 kHz – 10 kHz		0.8 % + 0.2 μA	
10 kHz – 30 kHz		1.6 % + 0.4 μA	
10 Hz – 20 Hz	0.33 mA - 3.2999 mA	0.2 % + 0.15 μA	
20 Hz – 45 Hz		0.125 % + 0.15 μA	
45 Hz – 1 kHz		0.1 % + 0.15 μA	
1 kHz – 5 kHz		0.2 % + 0.2 μA	
5 kHz – 10 kHz		0.5 % + 0.3 μA	
10 kHz – 30 kHz		1.0 % + 0.6 μA	

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Parameter	Range	Uncertainty ¹	Notes
AC Current – Source		% of output + μ A	9100 opt. 100/600
10 Hz – 20 Hz	3.3 mA – 32.999 mA	0.18 % + 2 μ A	
20 Hz – 45 Hz		0.09 % + 2 μ A	
45 Hz – 1 kHz		0.04 % + 2 μ A	
1 kHz – 5 kHz		0.08 % + 2 μ A	
5 kHz – 10 kHz		0.2 % + 3 μ A	
10 kHz – 30 kHz		0.4 % + 4 μ A	
10 Hz – 20 Hz	33.0 mA – 329.99 mA	0.18 % + 20 μ A	
20 Hz – 45 Hz		0.09 % + 20 μ A	
45 Hz – 1 kHz		0.04 % + 20 μ A	
1 kHz – 5 kHz		0.10 % + 50 μ A	
5 kHz – 10 kHz		0.2 % + 100 μ A	
10 kHz – 30 kHz		0.4 % + 200 μ A	

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Parameter	Range	Uncertainty ¹	Notes
AC Current – Source		% of output + μ A	9100 opt. 100/600
10 Hz – 45 Hz	0.33 A – 1.09999 A	0.18 % + 100 μ A	
45 Hz – 1 kHz		0.05 % + 100 μ A	
1 kHz – 5 kHz		0.6 % + 1000 μ A	
5 kHz – 10 kHz		2.5 % + 5000 μ A	
10 Hz – 45 Hz	1.1A – 2.99999 A	0.18 % + 100 μ A	
45 Hz – 1 kHz		0.06 % + 100 μ A	
1 kHz – 5 kHz		0.6 % + 1000 μ A	
5 kHz – 10 kHz		2.5 % + 5000 μ A	

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Parameter	Range	Uncertainty ¹	Notes
AC Current – Source		% of output + μ A	9100 opt. 100/600
45 Hz – 100 Hz	3.0A – 10.9999 A	0.06 % + 2000 μ A	
100 Hz – 1 kHz		0.10 % + 2000 μ A	
1 kHz – 5 kHz		3 % + 2000 μ A	
45 Hz – 100 Hz	11.0 A – 20.5 A	0.12 % + 5000 μ A	
100 Hz – 1 kHz		0.15 % + 5000 μ A	
1 kHz – 5 kHz		3 % + 5000 μ A	

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AC Current – Measure		% of reading + % of range	3458A
10 Hz – 20 Hz	100 μ A	0.4 + 0.02	
	1 mA – 100 mA	0.4 + 0.02	
	1 A	0.4 + 0.02	
20 Hz – 45 Hz	100 μ A	0.15 + 0.02	
	1 mA – 100 mA	0.15 + 0.02	
	1 A	0.16 + 0.02	
45Hz – 100 Hz	100 μ A	0.06 + 0.02	
	1 mA – 100 mA	0.06 + 0.02	
	1 A	0.08 + 0.02	
100 Hz – 5 kHz	100 μ A	0.06 + 0.02	
	1 mA – 100 mA	0.03 + 0.02	
	1 A	0.1 + 0.02	
5 kHz – 20 kHz	100 μ A	N/A	
	1 mA – 100 mA	0.06 + 0.02	
	1 A	0.3 + 0.02	

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Parameter	Range	Uncertainty ¹	Notes
Resistance – Source		ppm of output	9100 opt. 100/600
	0 – 10.9999 Ω	40 ppm	Resolution 0.0001 Ω
	11 Ω – 32.9999 Ω	30 ppm	Resolution 0.0001 Ω
	33 Ω – 109.9999 Ω	28 ppm	Resolution 0.0001 Ω
	110 Ω – 329.9999 Ω	28 ppm	Resolution 0.0001 Ω
	330 Ω – 1.099999 k Ω	28 ppm	Resolution 0.001 Ω
	1.1 k Ω – 3.299999 k Ω	28 ppm	Resolution 0.001 Ω
	3.3 k Ω – 10.99999 k Ω	28 ppm	Resolution 0.01 Ω
	11 k Ω – 32.99999 k Ω	28 ppm	Resolution 0.01 Ω
33 k Ω – 109.9999 k Ω	28 ppm	Resolution 0.1 Ω	

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Parameter	Range	Uncertainty ¹	Notes
Resistance – Source		ppm of output	9100 opt. 100/600
	110 k Ω – 329.9999 k Ω	32 ppm	Resolution 0.1 Ω
	330 k Ω – 1.099999 M Ω	32 ppm	Resolution 1 Ω
	1.1 M Ω – 3.299999 M Ω	60 ppm	Resolution 1 Ω
	3.3 M Ω – 10.99999 M Ω	130 ppm	Resolution 10 Ω
	11 M Ω – 32.99999 M Ω	250 ppm	Resolution 10 Ω
	33 M Ω – 109.9999 M Ω	500 ppm	Resolution 100 Ω
	110 M Ω – 329.9999 M Ω	3000 ppm	Resolution 1000 Ω
330 M Ω – 1100 M Ω	15000 ppm	Resolution 10000 Ω	

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Resistance – Measure		ppm of reading + ppm of range	3458A
	10 Ω	15 ppm + 5 ppm	
	100 Ω	12 ppm + 5 ppm	
	1 k Ω	10 ppm + 0.5 ppm	
	10 k Ω	10 ppm + 0.5 ppm	
	100 k Ω	10 ppm + 0.5 ppm	
	1 M Ω	15 ppm + 2 ppm	
	10 M Ω	50 ppm + 10 ppm	
	100 M Ω	500 ppm + 10 ppm	
	1 G Ω	0.5 % + 10 ppm	
Resistance – Shunt	0.1665 m Ω	0.25%	300A/50mV

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Parameter	Range	Uncertainty ¹	Notes
Capacitance – Source		% of output + floor	9100 opt. 100/600
10 Hz – 10 kHz	0.19 nF – 0.3999 nF	0.5 % + 0.01 nF	Resolution 0.1 pF
10 Hz – 10 kHz	0.4 nF – 1.0999 nF	0.5 % + 0.01 nF	Resolution 0.1 pF
10 Hz – 3 kHz	1.1 nF – 3.2999 nF	0.5 % + 0.01 nF	Resolution 0.1 pF
10 Hz – 1 kHz	3.3 nF – 10.9999 nF	0.25 % + 0.01 nF	Resolution 0.1 pF
10 Hz – 1 kHz	11 nF – 32.9999 nF	0.25 % + 0.1 nF	Resolution 0.1 pF
10 Hz – 1 kHz	33 nF – 109.999 nF	0.25 % + 0.1 nF	Resolution 1 pF
10 Hz – 1 kHz	110 nF – 329.999 nF	0.25 % + 0.3 nF	Resolution 1 pF
10 Hz – 600 Hz	0.33 μF – 1.09999 μF	0.25 % + 1 nF	Resolution 10 pF
10 Hz – 300 Hz	1.1 μF – 3.29999 μF	0.25 % + 3 nF	Resolution 10 pF

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Capacitance – Source		% of output + floor	9100 opt. 100/600
10 Hz – 150 Hz	3.3 μ F – 10.9999 μ F	0.25 % + 10 nF	Resolution 100 pF
10 Hz – 120 Hz	11 μ F – 32.9999 μ F	0.40 % + 30 nF	Resolution 100 pF
10 Hz – 80 Hz	33 μ F – 109.999 μ F	0.45 % + 100 nF	Resolution 1nF
0 Hz – 50 Hz	110 μ F – 329.999 μ F	0.45 % + 300 nF	Resolution 1 nF
0 Hz – 20 Hz	0.33 μ F – 1.09999 mF	0.45 % + 1 μ F	Resolution 10 nF
0 Hz – 6 Hz	1.1 mF – 3.2999 mF	0.45 % + 3 μ F	Resolution 10 nF
0 Hz – 2 Hz	3.3 mF – 10.9999 mF	0.45 % + 10 μ F	Resolution 100 nF
0 Hz – 0.6 Hz	11 mF – 32.9999 mF	0.75 % + 30 μ F	Resolution 100 nF
0 Hz – 0.2 Hz	33 mF – 110 mF	1.1 % + 100 μ F	Resolution 10 μ F

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Parameter	Range	Uncertainty ¹	Notes
RF/ Microwave Attenuation dB – Source	0 – 12 dB (1dB steps)	0.1 dB @ 1000 Hz	355C
		0.25 dB: dc – 0.5 GHz	
		0.35 dB: dc – 1.0 GHz	
RF/ Microwave Attenuation dB – Source	0 – 120 dB (10 dB steps)	0.3 dB @ 1000 Hz	355D
		1.5 dB (0 to 90 dB) @ 1 GHz	
		3.0 dB (90 to 120 dB) @ 1 GHz	
RF/ Microwave Attenuation dB – Measure	0 – 127 dB	0.02 dB	8902A/11722A

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Parameter	Range	Uncertainty ¹	Notes
Amplitude Modulation % – Measure			8902A/11722A
150 kHz – 10 MHz	0 – 99% AM	2% of reading and 1 digit for rates 50 Hz to 10 kHz and depths > 5%	
10 MHz – 1300 MHz		1% of reading and 1 digit for rates 50 Hz to 50 kHz and depths > 5%	
Frequency Modulation Hz – Measure			
250 kHz – 10 MHz	20 Hz – 200 kHz	2% of reading and 1 digit for rates 20 Hz to 10 kHz	
10 MHz – 1300 MHz		1% of reading and 1 digit for rates 50 Hz to 100 kHz	

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Parameter	Range	Uncertainty ¹	Notes
Phase Modulation – Measure			8902A/11722A
150 kHz – 10 MHz	0 – 400 radians	4% of reading and 1 digit for rates 200 Hz to 10 kHz	
10 MHz – 1300 MHz		3% of reading and 1 digit for rates 200 Hz to 20 kHz	

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Frequency – Source			
1X10 ⁻¹²	20 Hz – 100 kHz	0.3 %	8903B
1X10 ⁻¹²	100 kHz – 3.2 GHz	0.3 %	8648C
Frequency – Measure			
1X10 ⁻¹²	10 Hz – 26.5 GHz	0.3 %	5343A opt.001
Spectrum analysis – Measure			
1X10 ⁻¹²	9 kHz – 22 GHz	0.3 %	8562A
Color intensity – Source			
	X=88.90 Y=90.73 Z = =103.13	1%	LZM-162
	X=18.14 Y=19.20 Z = 18.17	1%	LZM-162
	X=11.90 Y=12.25 Z = 7.07	1%	LZM-162
	X=6.43 Y=5.95 Z = 3.95	1%	LZM-162

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Parameter	Range	Uncertainty ¹	Notes
Length – Blocks	.050 – 4.00	Grade 2	4306 Pratt & Whitney
Length – Measure	.040 – 14.00	$\mu\text{in} + 0.52L \mu\text{in}$	Labmaster – 2138
Mass – Source	5.0 lb	Class F	
	10.0 lb	Class F	
	20.0 lb	Class F	
	50 lb	Class F	
Pin gages – Measure	0.04 - 2.12", 20 mm – 54 mm	.00012"	Labmaster-9602 Mitutoyo

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Parameter	Range	Uncertainty ¹	Notes
Gage block	0 – 13", 0 – 330 mm	3 μ m + 0.52 L	U306 Pratt & Whitney
End stops	0 – 13", 0 – 330 mm	3 μ m + 0.52 L	U306 Pratt & Whitney
Threaded plug	0 – 8.5", 0 – 216 mm	3 μ m + 0.52 L	U306 Pratt & Whitney
Pin disks	.031", .787 – 19 mm	3 μ m + 0.52 L	U306 Pratt & Whitney
Disks	2.5 - 13", 63.5 – 300 mm	3 μ m + 0.52 L	U306 Pratt & Whitney

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Parameter	Range	Uncertainty ¹	Notes
NPT Threaded plug			U306 Pratt & Whitney
	10 – 80 tpi	3 μ m + 0.52 L	
Ring gage – Measure			
Height finger 0.254", 6.45 mm	.125 – .50", 3.18 – 6.35 mm	3 μ m + 0.52L	U306 Pratt & Whitney
Height finger 0.875", 22.23 mm	.250 – 1.00", 6.35 – 25.4 mm	3 μ m + 0.52L	U306 Pratt & Whitney
Height finger 1.5", 38.1 mm	1-14", 25 – 356 mm	3 μ m + 0.52L	U306 Pratt & Whitney
Threaded Ring			
6 – 80 tpi, 2 – 4.5 pitch	.75 – 5.5", 20 – 139 mm		U306 Pratt & Whitney
Ring gage – Source			
	0.65" dia	0.00001 In	Master Ring Vermont
	2.0" dia	0.00007 In	Master Ring Vermont
	4.0" dia	0.00006 In	Master Ring Vermont

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Parameter	Range	Uncertainty ¹	Notes
Inch Thread Wire	0.01032 – 0.09623 in	55 µin	Deltronic
Surface Flatness – Measure		12 µin	832
Humidity – Measure	0 – 90 % RH	1%RH	HMI41/HMP46
	90 – 100 % RH	2%RH	
Volumetric – Gage			ABB-PB-100
6/12/18 Inches	1.000031	3 µin	
6/12/18 Inches	1.000025	2 µin	
Speed – Measure			1726
	10 – 32,000 RPM	2% +/- 1 LSD	

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Techmaster Electronics LLC El Paso TX

Accreditation Certificate 74 400 2042

Revision: 3

Parameter	Range	Uncertainty ¹	Notes
Torque – Measure			CDI
	10 – 100 in/lb	0.5 +/- 1 LSD	1001-I-ETT
	60 – 600 ft/lb	0.5 +/- 1 LSD	6004-F-ETT
Viscosity – Source	1256 cst	0.17 %	N 350
	3351 cst	0.17 %	N1000
	323.3 cst	0.17 %	G100
Conductivity – Source	45 µsiemens	2 %	CDS 7010
	450 µsiemens	2 %	CDS 7030

A handwritten signature in black ink, appearing to read 'Dave Moody'.

Dave Moody – Program Manager
Laboratory Accreditation Services
Youngsville NC

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Parameter	Range	Uncertainty ¹	Notes
Density – Source			
Liquid Kinematic viscosity			
< 1000 mm ² /sec	0.8859 g/ml	0.0001 g/L	N 350
1000 – 100,000 mm ² /sec		0.0002 g/L	
< 1000 mm ² /sec	0.8493 g/ml	0.0001 g/L	N1000
1000 – 100,000 mm ² /sec		0.0002 g/L	
< 1000 mm ² /sec	0.8715 g/ml	0.0001 g/L	G100
1000 – 100,000 mm ² /sec		0.0002 g/L	

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Dave Moody – Program Manager
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Parameter	Range	Uncertainty ¹	Notes
Vacuum – Source	-30 0.1 in. Hg.vac	" +1% , -.25%	
Pressure – Source	0 – 600 psi	0.15/ ± 3.75 psi	HQS-2
Pressure – Measure	0 – 600 psi	0.15/ ± 3.75 psi	HQS-2
Temperature – Source	-25 – 140 C	0.25 C	9103
Temperature – Measure	- 200 °C to - 30 °C	0.012 °C	525 A
RTD	- 80 °C to - 0 °C	0.020 °C	PR – GP – 100 – E – 12
	0 °C to 100 °C	0.020 °C	
	100 °C to 300 °C	0.027 °C	
	300 °C to 400 °C	0.031 °C	
	400 °C to 500 °C	0.047 °C	

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Dave Moody – Program Manager
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Parameter	Range	Uncertainty ¹	Notes
Dimension			
Micrometers	0 – 12 inches	+ 0.000006 in - 0.000004 in	Gage Blocks Grade 2
Calipers	0 – 12 inches	+ 0.000006 in - 0.000004 in	Gage Blocks Grade 2
Height Gages	0 – 12 inches	+ 0.000006 in - 0.000004 in	Gage Blocks Grade 2
Depth Gages	0 – 24 inches	+ 0.000006 in - 0.000004 in	Gage Blocks Grade 2
Indicators	0 – 2 inches	+ 0.000006 in - 0.000004 in	Gage Blocks Grade 2

1 All uncertainties determined with a coverage factor of $k = 2$.

A handwritten signature in black ink, appearing to read 'Dave Moody', is written over a horizontal line.

Dave Moody – Program Manager
Laboratory Accreditation Services

Youngsville NC

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