1000212486

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Custome	r Information
Accurate Calibration & Repair	PO #: 2019006
1924 Pinnacle Drive	Reference #: 1947371Rg17025
Aurora, IL 60504	Account #: 00317
	SO #: 47371
Instrumer	nt Identification
Instrument Id: 02.20.002725	Location:
Noun: Handheld Calibrator	Model: Memocal 2000
Mfr: ERO Electronic	Serial #: 02.20.002725
Accuracy: See manufacturer's specifications	
Certificati	on Information
Reason For Service: Calibration with Data	Technician: Appeaelle Bullock
Type Of Calibration: Accredited 17025	Cal Date: 03 OCT 19
As Found Condition: In Tolerance	Cal Due: 03 JAN 20
As Left Condition: Left As Found	Temperature: 23.0 °C
Procedure: MFR Manual:	Humidity: 40.0 %
Technician Remarks: Datasheet reflects customer specifi	ed calibration points. Unit calibrated per AMS 2750 E.
• No sampling plan or other procedure was used for this calibration. time of calibration only and any number of factors may cause calibr	о о о
<ul> <li>The calibration results published in this certificate were obtained us NIST to the Insternational System of Units (SI).</li> </ul>	sing equipment capable of productin results that are traceable through

- The expanded uncertainty of the measurement process has not exceeded 25% of the tolerance allowed for the individual characteristics measured, unless otherwise stated. The uncertainties are based on a 95% confidence level, K=2.
- (!) Designates that the expanded uncertainty of measurement does not meet the 95% confidence level.
- J.H. Metrology Co., Inc's Calibration Control System complies with applicable requirements of ANSI Z540-1-1994, ISO 9001, and ISO/IEC 17025-2005.
- The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without the written approval of J.H. Metrology Co., Inc.

feil Willert Approved By: Date: Oct 03, 2019

President

✓ In Tolerance Calibration Data												
Range	Nominal	As Found	Uncertainty									
	mV Output											
-4 mV to 20 mV	-4.000	-4.00064 🗸	As Found	-4.004	-3.996	0.00060 mV						
	0.000	-0.00031 🗸	As Found	-0.004	0.004	0.00059 mV						







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🗸 In Tolerance 🛛 🗴 Out	of Tolerance	(	C <mark>ali</mark> b	ration Data			
Range	Nominal	As Foun	d	As Left	Min	Max	Uncertainty
·			m٧	/ Output			
	5.000	4.99925	<ul> <li>✓</li> </ul>	As Found	4.996	5.004	0.00060 mV
	10.000	9.99917	<ul> <li>Image: A start of the start of</li></ul>	As Found	9.996	10.004	0.00061 mV
	15.000	14.99953	<ul> <li>✓</li> </ul>	As Found	14.996	15.004	0.00062 mV
	20.000	19.99967	<ul> <li>✓</li> </ul>	As Found	19.996	20.004	0.00063 mV
-40 mV to 200 mV	-40.00	-39.99907	<ul> <li>Image: A start of the start of</li></ul>	As Found	-40.04	-39.96	0.0058 mV
	0.00	0.00438	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.04	0.04	0.0058 mV
	50.00	49.99867	<ul> <li>Image: A start of the start of</li></ul>	As Found	49.96	50.04	0.0058 mV
	100.00	99.99777	$\checkmark$	As Found	99.96	100.04	0.0059 mV
	150.00	149.99539	$\checkmark$	As Found	149.96	150.04	0.0059 mV
	200.00	199.9985	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.96	200.04	0.0060 mV
-400 mV to 2000 mV	-400.0	-400.0174	<ul> <li>Image: A start of the start of</li></ul>	As Found	-400.4	-399.4	0.058 mV
	0.0	0.00529	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.4	0.4	0.058 mV
	500.0	499.9572	<ul> <li>Image: A start of the start of</li></ul>	As Found	499.6	500.4	0.058 mV
	1000.0	999.9308	<ul> <li>✓</li> </ul>	As Found	999.6	1000.4	0.058 mV
	1500.0	1499.8732	<ul> <li>Image: A start of the start of</li></ul>	As Found	1499.6	1500.4	0.059 mV
	2000.0	1999.995	<ul> <li>Image: A start of the start of</li></ul>	As Found	1999.6	2000.4	0.060 mV
-4000 mV to 20000 mV	-4000	-3999.893	<ul> <li>✓</li> </ul>	As Found	-4005	-3995	0.58 mV
	0	0.33797	<ul> <li>Image: A start of the start of</li></ul>	As Found	-5	5	0.58 mV
	5000	5000.062	<ul> <li>Image: A start of the start of</li></ul>	As Found	4995	5005	0.58 mV
	10000	9999.466	<ul> <li>Image: A start of the start of</li></ul>	As Found	9995	10005	0.58 mV
	15000	14999.548	<ul> <li>Image: A start of the start of</li></ul>	As Found	14995	15005	0.59 mV
	20000	19999.79	✓	As Found	19995	20005	0.61 mV
		n	nV Me	easurement			
-20 mV to 20 mV	-20.000	-20.000	<ul> <li>Image: A start of the start of</li></ul>	As Found	-20.006	-19.994	0.00090 mV
	0.000	-0.001	<ul> <li>✓</li> </ul>	As Found	-0.006	0.006	0.00077 mV
	5.000	4.999	<ul> <li>✓</li> </ul>	As Found	4.994	5.006	0.00080 mV
	10.000	9.998	<ul> <li>✓</li> </ul>	As Found	9.994	10.006	0.00083 mV
	15.000	14.999	<ul> <li>✓</li> </ul>	As Found	14.994	15.006	0.00086 mV
	20.000	19.999	<ul> <li>Image: A start of the start of</li></ul>	As Found	19.994	20.006	0.00090 mV
-200 mV to 200 mV	-200.00	-199.98	<ul> <li>Image: A start of the start of</li></ul>	As Found	-200.06	-199.94	0.0063 mV
	0.00	0.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.06	0.06	0.0058 mV
	50.00	50.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	49.94	50.06	0.0059 mV
	100.00	100.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	99.94	100.06	0.0060 mV
	150.00	149.99	<ul> <li>✓</li> </ul>	As Found	149.94	150.06	0.0061 mV

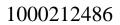


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🗸 In Tolerance 🗴 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
		m	V Me	easurement			
	200.00	200.00	<ul> <li>✓</li> </ul>	As Found	199.94	200.06	0.0063 mV
-2000 mV to 2000 mV	-2000.0	-1999.8	<ul> <li>✓</li> </ul>	As Found	-2000.6	-1999.4	0.060 mV
	0.0	0.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.6	0.6	0.058 mV
	500.0	500.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	499.4	500.6	0.058 mV
	1000.0	1000.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.4	1000.6	0.059 mV
	1500.0	1500.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1499.4	1500.6	0.059 mV
	2000.0	2000.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1999.4	2000.6	0.060 mV
-20000 mV to 20000 mV	-20000	-19998	<ul> <li>Image: A start of the start of</li></ul>	As Found	-20008	-19992	0.59 mV
	0	0	<ul> <li>Image: A start of the start of</li></ul>	As Found	-8	8	0.58 mV
	5000	5000	<ul> <li>Image: A start of the start of</li></ul>	As Found	4992	5008	0.58 mV
	10000	9999	<ul> <li>Image: A start of the start of</li></ul>	As Found	9992	10008	0.58 mV
	15000	15000	<ul> <li>Image: A start of the start of</li></ul>	As Found	14992	15008	0.59 mV
	20000	20000	<ul> <li>Image: A start of the start of</li></ul>	As Found	19992	20008	0.59 mV
ŕ		1	mA	Output			i
0 mA to 21 mA	0.000	0.00018848	<ul> <li>✓</li> </ul>	As Found	-0.003	0.003	0.00058 mA
	1.000	0.9999356	$\checkmark$	As Found	0.997	1.003	0.00058 mA
	5.000	5.000462	$\checkmark$	As Found	4.997	5.003	0.00060 mA
	10.000	10.000036	$\checkmark$	As Found	9.997	10.003	0.00062 mA
	15.000	14.999753	<ul> <li>Image: A start of the start of</li></ul>	As Found	14.997	15.003	0.00066 mA
	21.000	20.99989	<ul> <li>Image: A start of the start of</li></ul>	As Found	20.997	21.003	0.00072 mA
		m	A Me	easurement			
-20 mA to 20 mA	-20.000	-20.000	<ul> <li>✓</li> </ul>	As Found	-20.006	-19.994	0.0011 mA
	0.000	-0.001	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.006	0.006	0.00058 mA
	5.000	5.000	<ul> <li>Image: A start of the start of</li></ul>	As Found	4.994	5.006	0.00063 mA
	10.000	9.999	<ul> <li>Image: A start of the start of</li></ul>	As Found	9.994	10.006	0.00074 mA
	15.000	15.000	<ul> <li>Image: A start of the start of</li></ul>	As Found	14.994	15.006	0.00087 mA
	20.000	19.999	<ul> <li>Image: A start of the start of</li></ul>	As Found	19.994	20.006	0.0011 mA
-130 mA to 130 mA	-130.00	-129.99	<ul> <li>✓</li> </ul>	As Found	-130.05	-129.95	0.0094 mA
	0.00	0.00	<ul> <li>✓</li> </ul>	As Found	-0.05	0.05	0.0058 mA
	10.00	10.00	<ul> <li>✓</li> </ul>	As Found	9.95	10.05	0.0058 mA
	50.00	50.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	49.95	50.05	0.0067 mA
	100.00	100.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	99.95	100.05	0.0082 mA
	130.00	130.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	129.95	130.05	0.0094 mA



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✓ In Tolerance 🗴 Out	of Tolerance	C	Calib	ration Data						
Range	Nominal	As Found	l	As Left		Min	Max	Uncertainty		
	RT	D Pt. 100 Ohm	Mea	asurement (-20	0° t	to 850°C)				
20.68 Ohms -195.0 -194.9 ✓ As Found -195.6 -194.4 0.0										
60.26 Ohms	-100.0	-100.1	✓	As Found		-100.6	-99.4	0.058 °C		
100.00 Ohms	0.0	-0.1	✓	As Found		-0.6	0.6	0.058 °C		
138.51 Ohms	100.0	99.9	✓	As Found		99.4	100.6	0.058 °C		
280.98 Ohms	500.0	500.0	✓	As Found		499.4	500.6	0.059 °C		
389.02 Ohms	845.0	844.9	✓	As Found		844.1	845.9	0.060 °C		
		Oh	ms N	leasurement						
0 to 800 Ohms	0.0	0.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-0.2	0.2	0.058 Ohms		
	10.0	10.0	✓	As Found		9.8	10.2	0.058 Ohms		
	100.0	100.0	✓	As Found		99.8	100.2	0.058 Ohms		
	300.0	300.0	✓	As Found		299.8	300.2	0.058 Ohms		
	500.0	499.9	✓	As Found		499.8	500.2	0.058 Ohms		
	790.0	790.0	✓	As Found		789.8	790.2	0.059 Ohms		
· · · · · ·		Thermo	cou	ple Measureme	ent	11				
Type E -328° to 1832°F	-328.0	-328.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-329.0	-327.0	0.061 °F		
	-200.0	-200.0	✓	As Found		-201.0	-199.0	0.058 °F		
	0.0	0.0	✓	As Found		-1.0	1.0	0.058 °F		
	32.0	32.0	✓	As Found		31.0	33.0	0.058 °F		
	200.0	199.9	✓	As Found		199.0	201.0	0.058 °F		
	400.0	399.9	✓	As Found		399.0	401.0	0.058 °F		
	600.0	600.1	✓	As Found		599.0	601.0	0.058 °F		
	800.0	800.1	✓	As Found		799.0	801.0	0.058 °F		
	1000.0	1000.0	✓	As Found		999.0	1001.0	0.058 °F		
	1200.0	1200.0	✓	As Found		1198.8	1201.2	0.058 °F		
	1400.0	1400.0	✓	As Found		1398.6	1401.4	0.059 °F		
	1600.0	1600.0	✓	As Found		1598.4	1601.6	0.059 °F		
	1832.0	1832.2	$\checkmark$	As Found		1830.2	1833.8	0.059 °F		
Type J -328° to 2192°F	-328.0	-328.2	$\checkmark$	As Found		-329.0	-327.0	0.058 °F		
	-200.0	-200.0	✓	As Found		-201.0	-199.0	0.058 °F		
	0.0	0.0	$\checkmark$	As Found		-1.0	1.0	0.058 °F		
	32.0	32.0	✓	As Found		31.0	33.0	0.058 °F		
	200.0	199.8	✓	As Found		199.0	201.0	0.058 °F		
	400.0	399.9	$\checkmark$	As Found		399.0	401.0	0.058 °F		
	600.0	600.1	✓	As Found		599.0	601.0	0.058 °F		

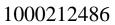


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🗸 In Tolerance 🛛 🗶 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Foun	d	As Left	Min	Max	Uncertainty
		Therm	ocoup	ole Measuremen	nt		
	800.0	800.1	<ul> <li>✓</li> </ul>	As Found	799.0	801.0	0.058 °F
	1000.0	1000.0	<ul> <li>✓</li> </ul>	As Found	999.0	1001.0	0.059 °F
	1200.0	1200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.059 °F
	1600.0	1600.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	1800.0	1800.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.059 °F
	2192.0	2192.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	2189.8	2194.2	0.060 °F
Type K -328° to 2498°F	-328.0	-328.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.079 °F
	-200.0	-200.2	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.058 °F
	0.0	-0.2	<ul> <li>Image: A start of the start of</li></ul>	As Found	-1.0	1.0	0.058 °F
	32.0	31.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	399.0	401.0	0.058 °F
	600.0	599.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	800.0	800.1	<ul> <li>✓</li> </ul>	As Found	799.0	801.0	0.058 °F
	1000.0	1000.0	<ul> <li>✓</li> </ul>	As Found	999.0	1001.0	0.059 °F
	1200.0	1200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.059 °F
	1400.0	1400.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1600.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	1800.0	1800.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.059 °F
	2000.0	2000.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.059 °F
	2200.0	2199.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.062 °F
	2498.0	2498.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	2495.5	2500.5	0.062 °F
Type T -328° to 752°F	-328.0	-328.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.066 °F
	-200.0	-200.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.059 °F
	0.0	0.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	-1.0	1.0	0.058 °F
	32.0	32.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	399.0	401.0	0.058 °F
	600.0	600.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	752.0	752.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	751.0	753.0	0.058 °F
Type R -58° to 3214°F	-50.0	-50.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.6	-47.4	0.065 °F
	0.0	-0.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	-2.6	2.6	0.065 °F
	32.0	31.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	29.4	34.6	0.065 °F
	200.0	199.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	198.4	201.6	0.061 °F
	400.0	399.4	<ul> <li>Image: A start of the start of</li></ul>	As Found	398.8	401.2	0.060 °F

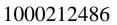


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🗸 In Tolerance 🛛 🗴 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Foun	d	As Left	Min	Max	Uncertainty
·		Therm	ocoup	ole Measuremer	nt		
	600.0	599.9	<ul> <li>✓</li> </ul>	As Found	599.0	601.0	0.060 °F
	800.0	799.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	799.0	801.0	0.060 °F
	1000.0	999.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.0	1001.0	0.060 °F
	1200.0	1200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.060 °F
	1400.0	1399.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.060 °F
	1600.0	1599.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.060 °F
	1800.0	1799.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.060 °F
	2000.0	1999.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.060 °F
	2200.0	2199.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	2800.0	2800.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	2797.2	2802.8	0.063 °F
	3200.0	3200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	3196.8	3203.2	0.063 °F
Type S -58° to 3214°F	-50.0	-50.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.0	-48.0	0.065 °F
	0.0	-0.2	<ul> <li>✓</li> </ul>	As Found	-2.0	2.0	0.065 °F
	32.0	31.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	30.0	34.0	0.065 °F
	200.0	199.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	198.8	201.2	0.061 °F
	400.0	399.7	<ul> <li>✓</li> </ul>	As Found	398.8	401.2	0.060 °F
	600.0	599.9	<ul> <li>✓</li> </ul>	As Found	599.0	601.0	0.060 °F
	800.0	799.7	<ul> <li>✓</li> </ul>	As Found	799.0	801.0	0.060 °F
	1000.0	999.7	<ul> <li>✓</li> </ul>	As Found	999.0	1001.0	0.061 °F
	1200.0	1199.8	<ul> <li>✓</li> </ul>	As Found	1198.8	1201.2	0.061 °F
	1400.0	1399.7	<ul> <li>✓</li> </ul>	As Found	1398.6	1401.4	0.061 °F
	1600.0	1599.8	<ul> <li>✓</li> </ul>	As Found	1598.4	1601.6	0.061 °F
	1800.0	1799.8	<ul> <li>✓</li> </ul>	As Found	1798.2	1801.8	0.061 °F
	2000.0	1999.8	<ul> <li>✓</li> </ul>	As Found	1998.0	2002.0	0.061 °F
	2200.0	2199.6	$\checkmark$	As Found	2197.8	2202.2	0.061 °F
	2800.0	2799.9	<ul> <li>✓</li> </ul>	As Found	2797.2	2802.8	0.064 °F
	3200.0	3199.8	<ul> <li>✓</li> </ul>	As Found	3196.8	3203.2	0.064 °F
Type N 32° to 2570°F	32.0	31.8	<ul> <li>✓</li> </ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.8	<ul> <li>✓</li> </ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.7	<ul> <li>✓</li> </ul>	As Found	399.0	401.0	0.058 °F
	600.0	599.9	<ul> <li>✓</li> </ul>	As Found	599.0	601.0	0.058 °F
	800.0	799.9	<ul> <li>✓</li> </ul>	As Found	799.0	801.0	0.058 °F
	1000.0	999.9	<ul> <li>✓</li> </ul>	As Found	999.0	1001.0	0.059 °F
	1200.0	1200.0	<ul> <li>✓</li> </ul>	As Found	1198.8	1201.2	0.059 °F
	1400.0	1400.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.059 °F



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🗸 In Tolerance 🛛 🗶 Ou	t of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
		Thermo	ocou	ole Measureme	nt		
	1600.0	1600.0	<ul> <li>✓</li> </ul>	As Found	1598.4	1601.6	0.059 °F
	1800.0	1800.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.059 °F
	2000.0	2000.1	$\checkmark$	As Found	1998.0	2002.0	0.059 °F
	2200.0	2200.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	2370.0	2370.0	$\checkmark$	As Found	2367.6	2372.4	0.060 °F
Type B 122° to 3276°F	150.0	147.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	126.3	173.7	0.15 °F
	200.0	198.1	<ul> <li>Image: A start of the start of</li></ul>	As Found	176.3	223.7	0.15 °F
	400.0	399.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	396.2	403.8	0.074 °F
	600.0	599.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	596.2	603.8	0.064 °F
	800.0	799.5	✓	As Found	798.0	802.0	0.064 °F
	1000.0	999.3	<ul> <li>Image: A start of the start of</li></ul>	As Found	998.0	1002.0	0.062 °F
	1200.0	1199.5	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.0	1202.0	0.062 °F
	1400.0	1399.5	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.060 °F
	1600.0	1599.6	✓	As Found	1598.4	1601.6	0.060 °F
	1800.0	1799.6	✓	As Found	1798.2	1801.8	0.060 °F
	2000.0	1999.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.060 °F
	2200.0	2199.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	2600.0	2599.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	2597.4	2602.6	0.060 °F
	3000.0	2999.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	2997.0	3003.0	0.061 °F
	3272.0	3271.8	✓	As Found	3268.7	3275.3	0.061 °F
		The	rmoc	ouple Output			
Type E -328° to 1832°F	-328.0	-328.11	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.061 °F
	-200.0	-199.91	✓	As Found	-201.0	-199.0	0.058 °F
	32.0	32.02	<ul> <li>✓</li> </ul>	As Found	31.0	33.0	0.058 °F
	600.0	599.99	$\checkmark$	As Found	599.0	601.0	0.058 °F
	1000.0	999.99	$\checkmark$	As Found	999.0	1001.0	0.058 °F
	1832.0	1831.77	<ul> <li>✓</li> </ul>	As Found	1830.2	1833.8	0.059 °F
Type J -328° to 2192°F	-328.0	-327.93	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.058 °F
	-200.0	-200.04	✓	As Found	-201.0	-199.0	0.058 °F
	32.0	32.02	✓	As Found	31.0	33.0	0.058 °F
	800.0	800.01	✓	As Found	799.0	801.0	0.058 °F
	1600.0	1599.84	✓	As Found	1598.4	1601.6	0.059 °F
	2192.0	2191.91	✓	As Found	2189.8	2194.2	0.060 °F
Type K -328° to 2498°F	-328.0	-327.68	✓	As Found	-329.0	-327.0	0.079 °F



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✓ In Tolerance	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	d	As Left	Min	Max	Uncertainty
		The	rmoc	ouple Output			
	-200.0	-199.82	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.058 °F
	32.0	32.02	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	600.0	600.08	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	1600.0	1599.84	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	2498.0	2497.78	<ul> <li>Image: A start of the start of</li></ul>	As Found	2495.5	2500.5	0.062 °F
Type T -328° to 752°F	-328.0	-327.87	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.066 °F
	-200.0	-199.88	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.059 °F
	32.0	32.04	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.89	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.88	$\checkmark$	As Found	399.0	401.0	0.058 °F
	752.0	751.87	<ul> <li>Image: A start of the start of</li></ul>	As Found	751.0	753.0	0.058 °F
Type R -58° to 3214°F	-50.0	-49.54	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.6	-47.4	0.065 °F
	32.0	32.20	<ul> <li>Image: A start of the start of</li></ul>	As Found	29.4	34.6	0.065 °F
	600.0	600.04	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.060 °F
	1600.0	1599.93	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.060 °F
	2200.0	2199.88	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	3200.0	3199.63	<ul> <li>Image: A start of the start of</li></ul>	As Found	3196.8	3203.2	0.063 °F
Type S -58° to 3214°F	-50.0	-49.58	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.0	-48.0	0.065 °F
	32.0	32.18	<ul> <li>Image: A start of the start of</li></ul>	As Found	30.0	34.0	0.065 °F
	600.0	600.01	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.060 °F
	1600.0	1599.84	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.061 °F
	2200.0	2199.79	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.061 °F
	3200.0	3199.84	<ul> <li>Image: A start of the start of</li></ul>	As Found	3196.8	3203.2	0.064 °F
Type N 32° to 2570°F	32.0	32.05	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	600.0	600.17	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	1400.0	1399.84	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1599.91	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	2000.0	1999.67	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.059 °F
	2370.0	2369.89	<ul> <li>✓</li> </ul>	As Found	2367.6	2372.4	0.060 °F
Type B 122° to 3276°F	150.0	149.1	<ul> <li>✓</li> </ul>	As Found	126.3	173.7	0.15 °F
-	1200.0	1199.77	<ul> <li>✓</li> </ul>	As Found	1198.0	1202.0	0.062 °F
	1600.0	1599.94	<ul> <li>✓</li> </ul>	As Found	1598.4	1601.6	0.060 °F
	2000.0	2000.04	<ul> <li>✓</li> </ul>	As Found	1998.0	2002.0	0.060 °F
	2600.0	2599.95	<ul> <li>✓</li> </ul>	As Found	2597.4	2602.6	0.060 °F

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30 APR 2020

31 MAY 2020

✓ In Tolerance X Out of Tolerance Calibration Data											
Range	Nominal	As Found		As Left	Min	ı	Max	Uncertainty			
Thermocouple Output											
	3272.0	3271.82	✓	As Found	3268	.7	3275.3	0.061 °F			
*				End of Datasheet	i						
		Cali	bra	tion Standard	s						
NIST Traceable #	Instrument ID#	Description			Model		Calibration Date	e Date Due			
1000205362	00890	Reference Multime	Reference Multimeter				13 NOV 201	8 30 NOV 2019			
1000206881	00872	Calibrator	Calibrator			00	15 DEC 201	8 31 DEC 2019			
1000207011	00888	Calibrator	Calibrator				01 DEC 201	8 31 DEC 2019			
1000209951	00266	High Impedance V	oltme	eter-Null Detector	845AR		01 MAY 201	9 30 APR 2020			

RS925A

EL-USB-2-LCD

01 MAY 2019

03 MAY 2019

**Resistance Standard** 

RH/Temperature Data Logger



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