

1000241651

Page 1 of 9



**Customer Information** 

Accurate Calibration & Repair 1924 Pinnacle Drive Aurora, IL 60504 PO #: 2405

Reference #: 2455000Rg17025

Account #: 00317 SO #: 55000

**Instrument Identification** 

Instrument Id: 02.20,002725 Location: Field Test Instrument

Noun: Handheld Calibrator Model: Memocal 2000

Mfr: ERO Electronic Serial #: 02.20.002725

Accuracy: See manufacturer's specifications

**Certification Information** 

Reason For Service: Calibration with Data

Technician: Appeaelle Bullock

Type Of Calibration: Accredited 17025 Cal Date: 21 FEB 24
As Found Condition: In Tolerance Cal Due: 21 MAY 24

As Left Condition: Left As Found Temperature: 23.0 °C

Procedure: MFR Manual: Humidity: 37.0 %

Technician Remarks: Datasheet reflects Customer specified calibration points. Unit calibrated per AMS 2750 G.

- No sampling plan or other procedure was used for this calibration. Measurements and information on this certificate are valid at time of calibration only and any number of factors may cause the calibrated item to drift out of tolerance before the assigned calibration interval.
- The calibration results published in this certificate were obtained using test equipment that has been calibrated by Certified Standards and are traceable through the National Institute of Standards and Technology (NIST), derived from natural physical constants, from ratio measurements, or compared to consensus standards to the International System of Units (SI).
- Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage
  factor of k=2. J.H. Metrology Co., Inc. does not apply the reported calculated measurement uncertainty to manufacturer or other
  sources of tolerances/specifications to determine the instrument pass or fail status. (Uncertainties are listed separately for each test
  point.) It is the responsibility of the Customer to consider measurement uncertainty when determining the instrument suitability.
- (!) Designates that the expanded uncertainty of measurement does not meet the 95% confidence level.
- This certificate may contain data that is not covered by our 17025 Scope of Accreditation and are marked with an asterisk (\*). Pass/Fail
  tests are not accredited. Calibration Standards listed on this Certificate of Calibration with a Due Date of 00 0000 are support items that
  do not require calibration (NPCR).
- · J.H. Metrology Co., Inc.'s Calibration Control System complies with applicable requirements of ANSI Z540-1, ISO 9001:2015 (by DQS, Inc), ISO/IEC 17025:2017 (by A2LA), and when required contractually, 10CFR21.
- The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without the written permission of J.H. Metrology Co., Inc.

Metrology Technician

Neil Willert, President

Quality Approval Date: Feb 21, 2024



1000241651

Page 2 of 9



✓ In Tolerance 🗶 Ou	it of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
			m۱	/ Output			
-4 mV to 20 mV	-4.000	-3.99944	✓	As Found	-4.004	-3.996	0.00060 mV
	0.000	0.00086	✓	As Found	-0.004	0.004	0.00059 mV
	5.000	5.00027	✓	As Found	4.996	5.004	0.00060 mV
	10.000	9.99998	✓	As Found	9.996	10.004	0.00061 mV
	15.000	15.00017	✓	As Found	14.996	15.004	0.00062 mV
	20.000	20.00028	✓	As Found	19.996	20.004	0.00063 mV
-40 mV to 200 mV	-40.00	-39.99719	✓	As Found	-40.04	-39.96	0.0058 mV
	0.00	0.00547	<b>✓</b>	As Found	-0.04	0.04	0.0058 mV
	50.00	49.99862	<b>✓</b>	As Found	49.96	50.04	0.0058 mV
	100.00	99.99738	<b>✓</b>	As Found	99.96	100.04	0.0059 mV
	150.00	149.99472	<b>✓</b>	As Found	149.96	150.04	0.0059 mV
	200.00	199.9983	<b>✓</b>	As Found	199.96	200.04	0.0060 mV
-400 mV to 2000 mV	-400.0	-400.0136	<b>✓</b>	As Found	-400.4	-399.4	0.058 mV
	0.0	0.00831	<b>✓</b>	As Found	-0.4	0.4	0.058 mV
	500.0	499.9543	<b>✓</b>	As Found	499.6	500.4	0.058 mV
	1000.0	999.9226	<b>✓</b>	As Found	999.6	1000.4	0.058 mV
	1500.0	1499.8561	<b>✓</b>	As Found	1499.6	1500.4	0.059 mV
	2000.0	1999.8947	<b>✓</b>	As Found	1999.6	2000.4	0.060 mV
-4000 mV to 20000 mV	-4000	-3999.785	<b>✓</b>	As Found	-4005	-3995	0.58 mV
	0	0.45589	<b>✓</b>	As Found	-5	5	0.58 mV
	5000	5000.083	<b>✓</b>	As Found	4995	5005	0.58 mV
	10000	9999.456	<b>✓</b>	As Found	9995	10005	0.58 mV
	15000	14999.489	<b>✓</b>	As Found	14995	15005	0.59 mV
	20000	19999.67	<b>✓</b>	As Found	19995	20005	0.61 mV
	•	m	V Me	easurement			
-20 mV to 20 mV	-20.000	-19.999	<b>✓</b>	As Found	-20.006	-19.994	0.00090 mV
	0.000	-0.001	<b>✓</b>	As Found	-0.006	0.006	0.00077 mV
	5.000	5.000	<b>✓</b>	As Found	4.994	5.006	0.00080 mV
	10.000	10.000	<b>✓</b>	As Found	9.994	10.006	0.00083 mV
	15.000	15.000	<b>✓</b>	As Found	14.994	15.006	0.00086 mV
	20.000	20.000	<b>✓</b>	As Found	19.994	20.006	0.00090 mV
-200 mV to 200 mV	-200.00	-199.99	<b>✓</b>	As Found	-200.06	-199.94	0.0063 mV
	0.00	0.00	<b>✓</b>	As Found	-0.06	0.06	0.0058 mV
	50.00	50.00	<b>✓</b>	As Found	49.94	50.06	0.0059 mV



1000241651

Page 3 of 9



✓ In Tolerance 🗶 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	l	As Left	Min	Max	Uncertainty
		m	v Me	easurement			
	100.00	100.00	✓	As Found	99.94	100.06	0.0060 mV
	150.00	150.00	✓	As Found	149.94	150.06	0.0061 mV
	200.00	200.00	✓	As Found	199.94	200.06	0.0063 mV
-2000 mV to 2000 mV	-2000.0	-1999.9	✓	As Found	-2000.6	-1999.4	0.060 mV
	0.0	0.0	<b>✓</b>	As Found	-0.6	0.6	0.058 mV
	500.0	500.0	<b>✓</b>	As Found	499.4	500.6	0.058 mV
	1000.0	1000.0	<b>✓</b>	As Found	999.4	1000.6	0.059 mV
	1500.0	1500.1	<b>✓</b>	As Found	1499.4	1500.6	0.059 mV
	2000.0	2000.1	<b>✓</b>	As Found	1999.4	2000.6	0.060 mV
-20000 mV to 20000 mV	-20000	-19998	<b>✓</b>	As Found	-20008	-19992	0.59 mV
	0	0	<b>✓</b>	As Found	-8	8	0.58 mV
	5000	5000	<b>✓</b>	As Found	4992	5008	0.58 mV
	10000	10000	<b>✓</b>	As Found	9992	10008	0.58 mV
	15000	15000	<b>✓</b>	As Found	14992	15008	0.59 mV
	20000	20000	<b>✓</b>	As Found	19992	20008	0.59 mV
·			m/	\ Output			
0 mA to 21 mA	0.000	0.00017424	<b>✓</b>	As Found	-0.003	0.003	0.00058 mA
	1.000	0.9998956	✓	As Found	0.997	1.003	0.00058 mA
	5.000	5.000364	✓	As Found	4.997	5.003	0.00060 mA
	10.000	9.999603	✓	As Found	9.997	10.003	0.00062 mA
	15.000	14.999134	✓	As Found	14.997	15.003	0.00066 mA
	21.000	20.99905	✓	As Found	20.997	21.003	0.00072 mA
		m	A Me	easurement			•
-20 mA to 20 mA	-20.000	-20.000	<b>✓</b>	As Found	-20.006	-19.994	0.0011 mA
	0.000	0.000	<b>✓</b>	As Found	-0.006	0.006	0.00058 mA
	5.000	4.999	<b>✓</b>	As Found	4.994	5.006	0.00063 mA
	10.000	9.999	<b>✓</b>	As Found	9.994	10.006	0.00074 mA
	15.000	15.000	<b>✓</b>	As Found	14.994	15.006	0.00087 mA
	20.000	20.000	<b>✓</b>	As Found	19.994	20.006	0.0011 mA
-130 mA to 130 mA	-130.00	-130.00	<b>✓</b>	As Found	-130.05	-129.95	0.0094 mA
	0.00	0.00	<b>✓</b>	As Found	-0.05	0.05	0.0058 mA
	10.00	10.00	<b>✓</b>	As Found	9.95	10.05	0.0058 mA
	50.00	50.00	<b>✓</b>	As Found	49.95	50.05	0.0067 mA



#### 1000241651

Page 4 of 9



✓ In Tolerance	<b>≭</b> Out	of Tolerance	(	Calib	ration Data							
Range		Nominal	As Found	I	As Left	Min	Max	Uncertainty				
mA Measurement												
		100.00	100.01	<b>✓</b>	As Found	99.95	100.05	0.0082 mA				
		130.00	130.01	✓	As Found	129.95	130.05	0.0094 mA				
		RT	D Pt. 100 Ohm	Mea	asurement (-20	0° to 850°C)		·				
20.68	Ohms	-195.0	-195.0	<b>✓</b>	As Found	-195.6	-194.4	0.058 °C				
60.26	Ohms	-100.0	-100.0	✓	As Found	-100.6	-99.4	0.058 °C				
100.00	Ohms	0.0	0.0	✓	As Found	-0.6	0.6	0.058 °C				
138.51	Ohms	100.0	100.0	✓	As Found	99.4	100.6	0.058 °C				
280.98	Ohms	500.0	500.1	✓	As Found	499.4	500.6	0.059 °C				
389.02	Ohms	845.0	845.1	✓	As Found	844.1	845.9	0.060 °C				
	,		Oh	ms N	/leasurement	•						
0 to 800	Ohms	0.0	0.0	<b>✓</b>	As Found	-0.2	0.2	0.058 Ohms				
		10.0	10.0	<b>√</b>	As Found	9.8	10.2	0.058 Ohms				
		100.0	100.0	<b>√</b>	As Found	99.8	100.2	0.058 Ohms				
		300.0	300.0	<b>√</b>	As Found	299.8	300.2	0.058 Ohms				
		500.0	500.1	<b>√</b>	As Found	499.8	500.2	0.058 Ohms				
		790.0	790.1	✓	As Found	789.8	790.2	0.059 Ohms				
	'		Thermo	cou	ple Measureme	ent						
Type E -328° to 1	1832°F	-328.0	-328.0	<b>✓</b>	As Found	-329.0	-327.0	0.061 °F				
		-200.0	-200.0	<b>√</b>	As Found	-201.0	-199.0	0.058 °F				
		0.0	0.0	<b>√</b>	As Found	-1.0	1.0	0.058 °F				
		32.0	32.0	<b>√</b>	As Found	31.0	33.0	0.058 °F				
		200.0	199.9	<b>√</b>	As Found	199.0	201.0	0.058 °F				
		400.0	399.9	<b>√</b>	As Found	399.0	401.0	0.058 °F				
		600.0	600.1	<b>√</b>	As Found	599.0	601.0	0.058 °F				
		800.0	800.1	<b>√</b>	As Found	799.0	801.0	0.058 °F				
		1000.0	1000.0	<b>√</b>	As Found	999.0	1001.0	0.058 °F				
		1200.0	1200.1	<b>√</b>	As Found	1198.8	1201.2	0.058 °F				
		1400.0	1400.0	<b>√</b>	As Found	1398.6	1401.4	0.059 °F				
		1600.0	1600.1	<b>√</b>	As Found	1598.4	1601.6	0.059 °F				
		1832.0	1832.2	<b>✓</b>	As Found	1830.2	1833.8	0.059 °F				
Type J -328° to 2	2192°F	-328.0	-328.1	<b>✓</b>	As Found	-329.0	-327.0	0.058 °F				
		-200.0	-200.0	<b>✓</b>	As Found	-201.0	-199.0	0.058 °F				
		0.0	0.0	<b>√</b>	As Found	-1.0	1.0	0.058 °F				



1000241651

Page 5 of 9



✓ In Tolerance 🗴 O	ut of Tolerance	(	Calib	ration Data									
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty						
	Thermocouple Measurement												
	32.0	32.0	<b>✓</b>	As Found	31.0	33.0	0.058 °F						
	200.0	199.8	<b>✓</b>	As Found	199.0	201.0	0.058 °F						
	400.0	399.9	<b>✓</b>	As Found	399.0	401.0	0.058 °F						
	600.0	600.1	<b>✓</b>	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	<b>✓</b>	As Found	999.0	1001.0	0.059 °F						
	1200.0	1200.0	<b>✓</b>	As Found	1198.8	1201.2	0.059 °F						
	1600.0	1600.0	<b>✓</b>	As Found	1598.4	1601.6	0.059 °F						
	1800.0	1800.0	<b>✓</b>	As Found	1798.2	1801.8	0.059 °F						
	2192.0	2192.0	<b>✓</b>	As Found	2189.8	2194.2	0.060 °F						
Type K -328° to 2498°F	-328.0	-328.0	<b>✓</b>	As Found	-329.0	-327.0	0.079 °F						
	-200.0	-200.0	<b>✓</b>	As Found	-201.0	-199.0	0.058 °F						
	0.0	0.0	<b>✓</b>	As Found	-1.0	1.0	0.058 °F						
	32.0	32.0	<b>✓</b>	As Found	31.0	33.0	0.058 °F						
	200.0	199.9	<b>✓</b>	As Found	199.0	201.0	0.058 °F						
	400.0	399.7	<b>✓</b>	As Found	399.0	401.0	0.058 °F						
	600.0	600.0	<b>✓</b>	As Found	599.0	601.0	0.058 °F						
	800.0	800.1	<b>✓</b>	As Found	799.0	801.0	0.058 °F						
	1000.0	1000.0	<b>✓</b>	As Found	999.0	1001.0	0.059 °F						
	1200.0	1200.1	<b>✓</b>	As Found	1198.8	1201.2	0.059 °F						
	1400.0	1400.0	<b>✓</b>	As Found	1398.6	1401.4	0.059 °F						
	1600.0	1600.1	<b>✓</b>	As Found	1598.4	1601.6	0.059 °F						
	1800.0	1800.0	<b>✓</b>	As Found	1798.2	1801.8	0.059 °F						
	2000.0	2000.1	<b>✓</b>	As Found	1998.0	2002.0	0.059 °F						
	2200.0	2200.1	<b>✓</b>	As Found	2197.8	2202.2	0.062 °F						
	2498.0	2498.1	<b>✓</b>	As Found	2495.5	2500.5	0.062 °F						
Type T -328° to 752°F	-328.0	-328.1	<b>✓</b>	As Found	-329.0	-327.0	0.066 °F						
	-200.0	-200.1	<b>✓</b>	As Found	-201.0	-199.0	0.059 °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	<b>✓</b>	As Found	399.0	401.0	0.058 °F						
	600.0	600.1	<b>✓</b>	As Found	599.0	601.0	0.058 °F						
	752.0	752.0	<b>✓</b>	As Found	751.0	753.0	0.058 °F						



1000241651

Page 6 of 9



✓ In Tolerance 🗴 Ou	ut of Tolerance	(	Calib	oration Data								
Range	Nominal	As Found		As Left		Min	Max	Uncertainty				
Thermocouple Measurement												
Type R -58° to 3214°F	-50.0	-50.6	✓	As Found		-52.6	-47.4	0.065 °F				
	0.0	-0.8	✓	As Found		-2.6	2.6	0.065 °F				
	32.0	31.6	✓	As Found		29.4	34.6	0.065 °F				
	200.0	199.8	✓	As Found		198.4	201.6	0.061 °F				
	400.0	399.6	✓	As Found		398.8	401.2	0.060 °F				
	600.0	599.9	<b>✓</b>	As Found		599.0	601.0	0.060 °F				
	800.0	799.9	✓	As Found		799.0	801.0	0.060 °F				
	1000.0	999.9	<b>✓</b>	As Found		999.0	1001.0	0.060 °F				
	1200.0	1200.0	<b>✓</b>	As Found		1198.8	1201.2	0.060 °F				
	1400.0	1399.8	<b>✓</b>	As Found		1398.6	1401.4	0.060 °F				
	1600.0	1599.8	<b>✓</b>	As Found		1598.4	1601.6	0.060 °F				
	1800.0	1799.8	<b>✓</b>	As Found		1798.2	1801.8	0.060 °F				
	2000.0	1999.8	<b>✓</b>	As Found		1998.0	2002.0	0.060 °F				
	2200.0	2199.9	<b>✓</b>	As Found		2197.8	2202.2	0.060 °F				
	2800.0	2800.0	<b>✓</b>	As Found		2797.2	2802.8	0.063 °F				
	3200.0	3200.0	<b>✓</b>	As Found		3196.8	3203.2	0.063 °F				
Type S -58° to 3214°F	-50.0	-50.6	<b>✓</b>	As Found		-52.0	-48.0	0.065 °F				
	0.0	-0.4	<b>✓</b>	As Found		-2.0	2.0	0.065 °F				
	32.0	31.6	✓	As Found		30.0	34.0	0.065 °F				
	200.0	199.7	✓	As Found		198.8	201.2	0.061 °F				
	400.0	399.7	✓	As Found		398.8	401.2	0.060 °F				
	600.0	599.9	✓	As Found		599.0	601.0	0.060 °F				
	800.0	799.7	<b>✓</b>	As Found		799.0	801.0	0.060 °F				
	1000.0	999.7	✓	As Found		999.0	1001.0	0.061 °F				
	1200.0	1199.8	<b>✓</b>	As Found		1198.8	1201.2	0.061 °F				
	1400.0	1399.7	<b>✓</b>	As Found		1398.6	1401.4	0.061 °F				
	1600.0	1599.8	<b>✓</b>	As Found		1598.4	1601.6	0.061 °F				
	1800.0	1799.8	<b>✓</b>	As Found		1798.2	1801.8	0.061 °F				
	2000.0	1999.8	<b>✓</b>	As Found		1998.0	2002.0	0.061 °F				
	2200.0	2199.6	✓	As Found		2197.8	2202.2	0.061 °F				
	2800.0	2800.0	<b>✓</b>	As Found		2797.2	2802.8	0.064 °F				
	3200.0	3199.8	<b>✓</b>	As Found		3196.8	3203.2	0.064 °F				
Type N 32° to 2570°F	32.0	32.0	<b>✓</b>	As Found		31.0	33.0	0.058 °F				
	200.0	199.8	<b>✓</b>	As Found		199.0	201.0	0.058 °F				
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1000241651

Page 7 of 9



✓ In Tolerance 🗶 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	al .	As Left	Min	Max	Uncertainty
·		Thermo	ocou	ole Measuremer	nt		
	400.0	399.7	<b>✓</b>	As Found	399.0	401.0	0.058 °F
	600.0	599.9	<b>✓</b>	As Found	599.0	601.0	0.058 °F
	800.0	799.9	<b>✓</b>	As Found	799.0	801.0	0.058 °F
	1000.0	999.9	<b>✓</b>	As Found	999.0	1001.0	0.059 °F
	1200.0	1200.0	<b>✓</b>	As Found	1198.8	1201.2	0.059 °F
	1400.0	1400.0	<b>✓</b>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1600.0	<b>✓</b>	As Found	1598.4	1601.6	0.059 °F
	1800.0	1800.1	<b>✓</b>	As Found	1798.2	1801.8	0.059 °F
	2000.0	2000.1	<b>✓</b>	As Found	1998.0	2002.0	0.059 °F
	2200.0	2200.1	<b>✓</b>	As Found	2197.8	2202.2	0.060 °F
	2370.0	2370.0	<b>✓</b>	As Found	2367.6	2372.4	0.060 °F
Type B 122° to 3276°F	150.0	147.7	<b>✓</b>	As Found	126.3	173.7	0.15 °F
	200.0	196.3	<b>✓</b>	As Found	176.3	223.7	0.15 °F
	400.0	399.0	<b>✓</b>	As Found	396.2	403.8	0.074 °F
	600.0	599.0	<b>✓</b>	As Found	596.2	603.8	0.064 °F
	800.0	799.5	<b>✓</b>	As Found	798.0	802.0	0.064 °F
	1000.0	999.7	<b>✓</b>	As Found	998.0	1002.0	0.062 °F
	1200.0	1199.8	<b>✓</b>	As Found	1198.0	1202.0	0.062 °F
	1400.0	1399.8	<b>✓</b>	As Found	1398.6	1401.4	0.060 °F
	1600.0	1599.7	<b>✓</b>	As Found	1598.4	1601.6	0.060 °F
	1800.0	1799.8	<b>✓</b>	As Found	1798.2	1801.8	0.060 °F
	2000.0	1999.7	<b>✓</b>	As Found	1998.0	2002.0	0.060 °F
	2200.0	2199.7	<b>✓</b>	As Found	2197.8	2202.2	0.060 °F
	2600.0	2599.9	✓	As Found	2597.4	2602.6	0.060 °F
	3000.0	2999.8	✓	As Found	2997.0	3003.0	0.061 °F
	3272.0	3271.8	✓	As Found	3268.7	3275.3	0.061 °F
		The	rmod	ouple Output	· · · · · · · · · · · · · · · · · · ·		,
Type E -328° to 1832°F	-328.0	-328.11	<b>✓</b>	As Found	-329.0	-327.0	0.061 °F
	-200.0	-199.89	<b>✓</b>	As Found	-201.0	-199.0	0.058 °F
	32.0	32.04	<b>✓</b>	As Found	31.0	33.0	0.058 °F
	600.0	599.99	<b>✓</b>	As Found	599.0	601.0	0.058 °F
	1000.0	999.99	<b>✓</b>	As Found	999.0	1001.0	0.058 °F
	1832.0	1831.77	<b>✓</b>	As Found	1830.2	1833.8	0.059 °F
Type J -328° to 2192°F	-328.0	-327.89	<b>✓</b>	As Found	-329.0	-327.0	0.058 °F



#### 1000241651

Page 8 of 9



✓ In Tolerance 🗶 Out	of Tolerance	(	Calib	oration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
		The	rmod	couple Output			
	-200.0	-200.04	<b>✓</b>	As Found	-201.0	-199.0	0.058 °F
	32.0	32.02	<b>✓</b>	As Found	31.0	33.0	0.058 °F
	800.0	800.01	✓	As Found	799.0	801.0	0.058 °F
	1600.0	1599.82	✓	As Found	1598.4	1601.6	0.059 °F
	2192.0	2191.87	✓	As Found	2189.8	2194.2	0.060 °F
Type K -328° to 2498°F	-328.0	-327.67	✓	As Found	-329.0	-327.0	0.079 °F
	-200.0	-199.82	<b>✓</b>	As Found	-201.0	-199.0	0.058 °F
	32.0	32.04	<b>✓</b>	As Found	31.0	33.0	0.058 °F
	600.0	600.10	<b>✓</b>	As Found	599.0	601.0	0.058 °F
	1600.0	1599.82	<b>✓</b>	As Found	1598.4	1601.6	0.059 °F
	2498.0	2497.78	<b>✓</b>	As Found	2495.5	2500.5	0.062 °F
Type T -328° to 752°F	-328.0	-327.82	<b>✓</b>	As Found	-329.0	-327.0	0.066 °F
	-200.0	-199.86	<b>✓</b>	As Found	-201.0	-199.0	0.059 °F
	32.0	32.04	<b>✓</b>	As Found	31.0	33.0	0.058 °F
	200.0	199.90	<b>✓</b>	As Found	199.0	201.0	0.058 °F
	400.0	399.88	<b>✓</b>	As Found	399.0	401.0	0.058 °F
	752.0	751.87	<b>✓</b>	As Found	751.0	753.0	0.058 °F
Type R -58° to 3214°F	-50.0	-49.45	<b>✓</b>	As Found	-52.6	-47.4	0.065 °F
	32.0	32.23	<b>✓</b>	As Found	29.4	34.6	0.065 °F
	600.0	600.03	<b>✓</b>	As Found	599.0	601.0	0.060 °F
	1600.0	1599.93	<b>✓</b>	As Found	1598.4	1601.6	0.060 °F
	2200.0	2199.85	<b>✓</b>	As Found	2197.8	2202.2	0.060 °F
	3200.0	3199.66	<b>✓</b>	As Found	3196.8	3203.2	0.063 °F
Type S -58° to 3214°F	-50.0	-49.45	<b>✓</b>	As Found	-52.0	-48.0	0.065 °F
	32.0	32.22	<b>✓</b>	As Found	30.0	34.0	0.065 °F
	600.0	600.01	<b>✓</b>	As Found	599.0	601.0	0.060 °F
	1600.0	1599.84	<b>✓</b>	As Found	1598.4	1601.6	0.061 °F
	2200.0	2199.76	<b>✓</b>	As Found	2197.8	2202.2	0.061 °F
	3200.0	3199.75	<b>✓</b>	As Found	3196.8	3203.2	0.064 °F
Type N 32° to 2570°F	32.0	32.05	<b>✓</b>	As Found	31.0	33.0	0.058 °F
	600.0	600.15	<b>✓</b>	As Found	599.0	601.0	0.058 °F
	1400.0	1399.82	<b>✓</b>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1599.89	<b>✓</b>	As Found	1598.4	1601.6	0.059 °F
	2000.0	1999.67	<b>✓</b>	As Found	1998.0	2002.0	0.059 °F
		-	+		-		+



#### 1000241651

Page 9 of 9



✓ In Tolerance 🗶 Out	t of Tolerance	Calibration Data									
Range	Nominal	As Found	l	As Left		Min	Max	Uncertainty			
Thermocouple Output											
	2370.0	2369.89	✓	As Found		2367.6	2372.4	0.060 °F			
Type B 122° to 3276°F	150.0	149.0	✓	As Found		126.3	173.7	0.15 °F			
	1200.0	1199.79	✓	As Found		1198.0	1202.0	0.062 °F			
	1600.0	1599.94	✓	As Found		1598.4	1601.6	0.060 °F			
	2000.0	2000.03	✓	As Found		1998.0	2002.0	0.060 °F			
	2600.0	2599.92	✓	As Found		2597.4	2602.6	0.060 °F			
	3272.0	3271.78	✓	As Found		3268.7	3275.3	0.061 °F			

End of Datasheet

#### **Calibration Standards**

NIST Traceable #	Instrument ID#	<u>Description</u>	<u>Model</u>	Calibration Date	Date Due
1000233873	00888	Calibrator	5720A	24 MAR 2023	31 MAR 2024
1000236428	00522	Resistance Standard	RS925A	18 APR 2023	30 APR 2024
1000236451	00266	High Impedance Voltmeter-Null Detector	845AR	20 APR 2023	30 APR 2024
1000236515	01196	RH/Temperature Data Logger	EL-USB-2-LCD	27 APR 2023	30 APR 2024
1000237036	00890	Multimeter, 8.5 Digit Reference	8508A-01	31 JUL 2023	31 JUL 2024