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Cust	omer Information
Accurate Calibration & Repair	PO #: 2207
1924 Pinnacle Drive	Reference #: 2252628Rg17025
Aurora, IL 60504	Account #: 00317
	SO #: 52628
Instru	ment Identification
Instrument Id: R051276	Location: R051276
Noun: Handheld Calibrator	Model: Memocal 2000
Mfr: Barber-Colman Company	Serial #: 98.24.1614
Accuracy: See manufacturer's specifications	
Certif	cation Information
Reason For Service: Calibration with Data	Technician: Appeaelle Bullock
Type Of Calibration: Accredited 17025	Cal Date: 26 SEP 22
As Found Condition: In Tolerance	Cal Due: 26 DEC 22
As Left Condition: Left As Found	Temperature: 22.0 °C
Procedure: MFR Manual :	Humidity: 49.0 %
Technician Remarks: Datasheet reflects Customer s	pecified calibration points. Unit calibrated per AMS 2750 F.
	tion. Measurements and information on this certificate are valid at the calibrated item to drift out of tolerance before the assigned
* *	ned using test equipment that has been calibrated by Certified Standards and Technology (NIST), derived from natural physical constants, from e International System of Units (SI).
factor of $k=2$ . J.H. Metrology Co., Inc. does not apply the rep sources of tolerances/specifications to determine the instrume	essed at approximately the 95% confidence level using a coverage orted calculated measurement uncertainty to manufacturer or other nt pass or fail status. (Uncertainties are listed separately for each test surement uncertainty when determining the instrument suitability.
• (!) Designates that the expanded uncertainty of measurement	does not meet the 95% confidence level.
	7025 Scope of Accreditation and are marked with an asterisk (*). Pass/Fail Certificate of Calibration with a Due Date of 00 0000 are support items that
<ul> <li>J.H. Metrology Co., Inc.'s Calibration Control System compl ISO/IEC 17025:2017 (by A2LA), and when required contract</li> </ul>	es with applicable requirements of ANSI Z540-1, ISO 9001:2015 (by DQS, Inc), ually, 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: Sep 27, 2022



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🗸 In Tolerance 🛛 🗴 Out	of Tolerance		Calib	ration Data			
Range	Nominal	As Foun	d	As Left	Min	Max	Uncertainty
·			mV	' Output			
-4 mV to 20 mV	-4.000	-4.00033	<ul> <li>✓</li> </ul>	As Found	-4.004	-3.996	0.00060 mV
	0.000	-0.00016	$\checkmark$	As Found	-0.004	0.004	0.00059 mV
	5.000	5.00077	$\checkmark$	As Found	4.996	5.004	0.00060 mV
	10.000	10.00072	<ul> <li>Image: A start of the start of</li></ul>	As Found	9.996	10.004	0.00061 mV
	15.000	15.00034	<ul> <li>Image: A start of the start of</li></ul>	As Found	14.996	15.004	0.00062 mV
	20.000	20.00003	$\checkmark$	As Found	19.996	20.004	0.00063 mV
-40 mV to 200 mV	-40.00	-40.00157	$\checkmark$	As Found	-40.04	-39.96	0.0058 mV
	0.00	0.00129	$\checkmark$	As Found	-0.04	0.04	0.0058 mV
	50.00	50.00990	$\checkmark$	As Found	49.96	50.04	0.0058 mV
	100.00	100.00931	$\checkmark$	As Found	99.96	100.04	0.0059 mV
	150.00	150.00423	<ul> <li>Image: A start of the start of</li></ul>	As Found	149.96	150.04	0.0059 mV
	200.00	200.0017	<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	-400.0126	<ul> <li>Image: A start of the start of</li></ul>	As Found	-400.4	-399.4	0.058 mV
	0.0	-0.01377	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.4	0.4	0.058 mV
	500.0	500.0786	<ul> <li>Image: A start of the start of</li></ul>	As Found	499.6	500.4	0.058 mV
	1000.0	1000.0903	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.6	1000.4	0.058 mV
	1500.0	1500.0254	$\checkmark$	As Found	1499.6	1500.4	0.059 mV
	2000.0	2000.029	$\checkmark$	As Found	1999.6	2000.4	0.060 mV
-4000 mV to 20000 mV	-4000	-4000.019	$\checkmark$	As Found	-4005	-3995	0.58 mV
	0	0.15991	$\checkmark$	As Found	-5	5	0.58 mV
	5000	5000.834	$\checkmark$	As Found	4995	5005	0.58 mV
	10000	10000.109	$\checkmark$	As Found	9995	10005	0.58 mV
	15000	15001.141	<ul> <li>Image: A start of the start of</li></ul>	As Found	14995	15005	0.59 mV
	20000	20000.39	<ul> <li>Image: A start of the start of</li></ul>	As Found	19995	20005	0.61 mV
•		n	nV Me	asurement			i
-20 mV to 20 mV	-20.000	-19.997	<ul> <li>✓</li> </ul>	As Found	-20.006	-19.994	0.00090 mV
	0.000	0.000	<ul> <li>✓</li> </ul>	As Found	-0.006	0.006	0.00077 mV
	5.000	5.000	<ul> <li>✓</li> </ul>	As Found	4.994	5.006	0.00080 mV
	10.000	9.999	<ul> <li>✓</li> </ul>	As Found	9.994	10.006	0.00083 mV
	15.000	15.000	<ul> <li>✓</li> </ul>	As Found	14.994	15.006	0.00086 mV
	20.000	19.999	<ul> <li>✓</li> </ul>	As Found	19.994	20.006	0.00090 mV
-200 mV to 200 mV	-200.00	-199.97	<ul> <li>✓</li> </ul>	As Found	-200.06	-199.94	0.0063 mV
	0.00	0.00	<ul> <li>✓</li> </ul>	As Found	-0.06	0.06	0.0058 mV
	50.00	50.00	$\checkmark$	As Found	49.94	50.06	0.0059 mV



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🗸 In Tolerance 🛛 🗴 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
· · · · ·		'n	N Me	easurement			
	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	150.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	149.94	150.06	0.0061 mV
	200.00	200.00	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.94	200.06	0.0063 mV
-2000 mV to 2000 mV	-2000.0	-1999.8	<ul> <li>Image: A start of the start of</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	✓	As Found	999.4	1000.6	0.059 mV
	1500.0	1500.0	✓	As Found	1499.4	1500.6	0.059 mV
	2000.0	2000.0	✓	As Found	1999.4	2000.6	0.060 mV
-20000 mV to 20000 mV	-20000	-19999	✓	As Found	-20008	-19992	0.59 mV
	0	0	✓	As Found	-8	8	0.58 mV
	5000	5000	✓	As Found	4992	5008	0.58 mV
	10000	10000	<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	20001	<ul> <li>Image: A start of the start of</li></ul>	As Found	19992	20008	0.59 mV
· · ·			mA	Output			
0 mA to 21 mA	0.000	-0.00000856	<ul> <li>Image: A start of the start of</li></ul>	As Found	-0.003	0.003	0.00058 mA
	1.000	1.0000179	<ul> <li>Image: A start of the start of</li></ul>	As Found	0.997	1.003	0.00058 mA
	5.000	5.000628	✓	As Found	4.997	5.003	0.00060 mA
	10.000	10.001291	✓	As Found	9.997	10.003	0.00062 mA
	15.000	15.001267	✓	As Found	14.997	15.003	0.00066 mA
	21.000	21.00062	✓	As Found	20.997	21.003	0.00072 mA
		rr	A Me	easurement			1
-20 mA to 20 mA	-20.000	-19.998	<ul> <li>Image: A start of the start of</li></ul>	As Found	-20.006	-19.994	0.0011 mA
	0.000	0.000	<ul> <li>✓</li> </ul>	As Found	-0.006	0.006	0.00058 mA
	5.000	5.000	<ul> <li>✓</li> </ul>	As Found	4.994	5.006	0.00063 mA
	10.000	10.000	<ul> <li>✓</li> </ul>	As Found	9.994	10.006	0.00074 mA
	15.000	15.000	<ul> <li>✓</li> </ul>	As Found	14.994	15.006	0.00087 mA
	20.000	20.000	<ul> <li>✓</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	10.01	<ul> <li>✓</li> </ul>	As Found	9.95	10.05	0.0058 mA
	50.00	50.00	✓	As Found	49.95	50.05	0.0067 mA



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🗸 In Tolera	ance 🗶 Out	of Tolerance	(	Calib	ration Data				
Ra	nge	Nominal	As Foun	d	As Left		Min	Max	Uncertaint
			n	n <b>A M</b> e	asurement				
		100.00	100.00	<ul> <li>✓</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
		RT	D Pt. 100 Ohr	n Mea	surement (-20	)0° t	o 850°C)		
	20.68 Ohms	-195.0	-195.0	<ul> <li>✓</li> </ul>	As Found		-195.6	-194.4	0.058 °C
	60.26 Ohms	-100.0	-100.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-100.6	-99.4	0.058 °C
	100.00 Ohms	0.0	0.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-0.6	0.6	0.058 °C
	138.51 Ohms	100.0	100.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		99.4	100.6	0.058 °C
	280.98 Ohms	500.0	500.1	<ul> <li>Image: A start of the start of</li></ul>	As Found		499.4	500.6	0.059 °C
	389.02 Ohms	845.0	845.1	<ul> <li>Image: A start of the start of</li></ul>	As Found		844.1	845.9	0.060 °C
			Oł	nms N	leasurement				,
0	to 800 Ohms	0.0	0.0	<ul> <li>✓</li> </ul>	As Found		-0.2	0.2	0.058 Ohms
		10.0	10.0	<ul> <li>✓</li> </ul>	As Found		9.8	10.2	0.058 Ohms
		100.0	100.0	<ul> <li>✓</li> </ul>	As Found		99.8	100.2	0.058 Ohms
		300.0	300.0	<ul> <li>✓</li> </ul>	As Found		299.8	300.2	0.058 Ohms
		500.0	500.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		499.8	500.2	0.058 Ohms
		790.0	790.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		789.8	790.2	0.059 Ohms
			Therm	ocoup	ole Measureme	ent			·
Type E -3	28° to 1832°F	-328.0	-328.0	<ul> <li>✓</li> </ul>	As Found		-329.0	-327.0	0.061 °F
		-200.0	-200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-201.0	-199.0	0.058 °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	599.9	<ul> <li>Image: A start of the start of</li></ul>	As Found		599.0	601.0	0.058 °F
		800.0	799.9	<ul> <li>Image: A start of the start of</li></ul>	As Found		799.0	801.0	0.058 °F
		1000.0	999.9	<ul> <li>Image: A start of the start of</li></ul>	As Found		999.0	1001.0	0.058 °F
		1200.0	1200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		1198.8	1201.2	0.058 °F
		1400.0	1399.8	$\checkmark$	As Found		1398.6	1401.4	0.059 °F
		1600.0	1599.8	<ul> <li>Image: A start of the start of</li></ul>	As Found		1598.4	1601.6	0.059 °F
		1832.0	1832.0	$\checkmark$	As Found		1830.2	1833.8	0.059 °F
Type J -32	28° to 2192°F	-328.0	-328.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-329.0	-327.0	0.058 °F
		-200.0	-200.0	<ul> <li>Image: A start of the start of</li></ul>	As Found		-201.0	-199.0	0.058 °F
		0.0	0.0	<ul> <li>✓</li> </ul>	As Found		-1.0	1.0	0.058 °F



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🗸 In Tolerance 🛛 🗴 C	ut of Tolerance		Calib	ration Data			
Range	Nominal	As Foun	d	As Left	Min	Max	Uncertaint
		Therm	ocoup	ole Measuremen	t		
	32.0	32.0	<ul> <li>✓</li> </ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.9	<ul> <li>✓</li> </ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.9	<ul> <li>✓</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	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	1199.8	<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	1799.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.059 °F
	2192.0	2191.8	<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	-327.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.079 °F
	-200.0	-200.0	<ul> <li>✓</li> </ul>	As Found	-201.0	-199.0	0.058 °F
	0.0	0.0	<ul> <li>✓</li> </ul>	As Found	-1.0	1.0	0.058 °F
	32.0	32.0	<ul> <li>✓</li> </ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.9	<ul> <li>✓</li> </ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.9	<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	1199.8	<ul> <li>✓</li> </ul>	As Found	1198.8	1201.2	0.059 °F
	1400.0	1399.8	<ul> <li>✓</li> </ul>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1599.8	<ul> <li>✓</li> </ul>	As Found	1598.4	1601.6	0.059 °F
	1800.0	1799.8	<ul> <li>✓</li> </ul>	As Found	1798.2	1801.8	0.059 °F
	2000.0	1999.8	<ul> <li>✓</li> </ul>	As Found	1998.0	2002.0	0.059 °F
	2200.0	2199.6	<ul> <li>✓</li> </ul>	As Found	2197.8	2202.2	0.062 °F
	2498.0	2497.6	<ul> <li>✓</li> </ul>	As Found	2495.5	2500.5	0.062 °F
Type T -328° to 752°	F -328.0	-328.0	<ul> <li>✓</li> </ul>	As Found	-329.0	-327.0	0.066 °F
	-200.0	-200.0	<ul> <li>✓</li> </ul>	As Found	-201.0	-199.0	0.059 °F
	0.0	0.0	<ul> <li>✓</li> </ul>	As Found	-1.0	1.0	0.058 °F
	32.0	31.8	<ul> <li>✓</li> </ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.9	<ul> <li>✓</li> </ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.9	<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
	752.0	752.0	<ul> <li>✓</li> </ul>	As Found	751.0	753.0	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	t		
Type R -58° to 3214°F	-50.0	-50.3	<ul> <li>✓</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	199.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	198.4	201.6	0.061 °F
	400.0	399.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	398.8	401.2	0.060 °F
	600.0	599.7	<ul> <li>Image: A start of the start of</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	999.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.0	1001.0	0.060 °F
	1200.0	1199.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.060 °F
	1400.0	1399.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.060 °F
	1600.0	1599.5	<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	1999.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.060 °F
	2200.0	2199.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	2800.0	2799.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	2797.2	2802.8	0.063 °F
	3200.0	3199.5	<ul> <li>✓</li> </ul>	As Found	3196.8	3203.2	0.063 °F
Type S -58° to 3214°F	-50.0	-50.6	<ul> <li>✓</li> </ul>	As Found	-52.0	-48.0	0.065 °F
	0.0	-0.4	<ul> <li>✓</li> </ul>	As Found	-2.0	2.0	0.065 °F
	32.0	31.3	<ul> <li>✓</li> </ul>	As Found	30.0	34.0	0.065 °F
	200.0	199.8	<ul> <li>✓</li> </ul>	As Found	198.8	201.2	0.061 °F
	400.0	399.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	398.8	401.2	0.060 °F
	600.0	599.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.060 °F
	800.0	799.7	<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>✓</li> </ul>	As Found	999.0	1001.0	0.061 °F
	1200.0	1199.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.061 °F
	1400.0	1399.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.061 °F
	1600.0	1599.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.061 °F
	1800.0	1799.5	<ul> <li>✓</li> </ul>	As Found	1798.2	1801.8	0.061 °F
	2000.0	1999.7	<ul> <li>✓</li> </ul>	As Found	1998.0	2002.0	0.061 °F
	2200.0	2199.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.061 °F
	2800.0	2799.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	2797.2	2802.8	0.064 °F
	3200.0	3199.6	<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>Image: A start of the start of</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



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🗸 In Tolerance 🛛 🗶 Ou	t of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	d	As Left	Min	Max	Uncertainty
		Thermo	ocoup	ole Measuremen	t		
	400.0	399.7	<ul> <li>✓</li> </ul>	As Found	399.0	401.0	0.058 °F
	600.0	599.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	800.0	799.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	799.0	801.0	0.058 °F
	1000.0	999.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.0	1001.0	0.059 °F
	1200.0	1199.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.8	1201.2	0.059 °F
	1400.0	1399.8	<ul> <li>✓</li> </ul>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1599.8	$\checkmark$	As Found	1598.4	1601.6	0.059 °F
	1800.0	1799.8	<ul> <li>✓</li> </ul>	As Found	1798.2	1801.8	0.059 °F
	2000.0	1999.8	$\checkmark$	As Found	1998.0	2002.0	0.059 °F
	2200.0	2199.7	$\checkmark$	As Found	2197.8	2202.2	0.060 °F
	2370.0	2369.7	$\checkmark$	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	196.3	<ul> <li>Image: A start of the start of</li></ul>	As Found	176.3	223.7	0.15 °F
	400.0	398.3	<ul> <li>Image: A start of the start of</li></ul>	As Found	396.2	403.8	0.074 °F
	600.0	599.0	$\checkmark$	As Found	596.2	603.8	0.064 °F
	800.0	799.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	798.0	802.0	0.064 °F
	1000.0	999.0	<ul> <li>Image: A start of the start of</li></ul>	As Found	998.0	1002.0	0.062 °F
	1200.0	1199.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1198.0	1202.0	0.062 °F
	1400.0	1399.5	$\checkmark$	As Found	1398.6	1401.4	0.060 °F
	1600.0	1599.6	$\checkmark$	As Found	1598.4	1601.6	0.060 °F
	1800.0	1799.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	1798.2	1801.8	0.060 °F
	2000.0	1999.8	<ul> <li>Image: A start of the start of</li></ul>	As Found	1998.0	2002.0	0.060 °F
	2200.0	2199.9	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	2600.0	2599.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	2597.4	2602.6	0.060 °F
	3000.0	2999.7	<ul> <li>Image: A start of the start of</li></ul>	As Found	2997.0	3003.0	0.061 °F
	3272.0	3271.6	<ul> <li>Image: A start of the start of</li></ul>	As Found	3268.7	3275.3	0.061 °F
		The	rmoc	ouple Output			-
Type E -328° to 1832°F	-328.0	-327.731	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.061 °F
	-200.0	-199.740	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.058 °F
	32.0	31.996	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	600.0	600.078	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	1000.0	1000.093	<ul> <li>Image: A start of the start of</li></ul>	As Found	999.0	1001.0	0.058 °F
	1832.0	1831.746	<ul> <li>Image: A start of the start of</li></ul>	As Found	1830.2	1833.8	0.059 °F
Type J -328° to 2192°F	-328.0	-327.668	<ul> <li>✓</li> </ul>	As Found	-329.0	-327.0	0.058 °F



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✓ In Tolerance	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	d	As Left	Min	Max	Uncertaint
		The	rmoc	ouple Output			
	-200.0	-199.914	<ul> <li>✓</li> </ul>	As Found	-201.0	-199.0	0.058 °F
	32.0	31.997	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	800.0	800.090	<ul> <li>Image: A start of the start of</li></ul>	As Found	799.0	801.0	0.058 °F
	1600.0	1599.992	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	2192.0	2190.052	<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	-327.405	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.079 °F
	-200.0	-199.793	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.058 °F
	32.0	31.994	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	600.0	600.149	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	1600.0	1600.009	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	2498.0	2498.187	<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	-327.513	<ul> <li>Image: A start of the start of</li></ul>	As Found	-329.0	-327.0	0.066 °F
	-200.0	-199.818	<ul> <li>Image: A start of the start of</li></ul>	As Found	-201.0	-199.0	0.059 °F
	32.0	31.994	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	200.0	199.961	<ul> <li>Image: A start of the start of</li></ul>	As Found	199.0	201.0	0.058 °F
	400.0	399.921	<ul> <li>Image: A start of the start of</li></ul>	As Found	399.0	401.0	0.058 °F
	752.0	751.991	<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	-49.460	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.6	-47.4	0.065 °F
	32.0	31.963	<ul> <li>Image: A start of the start of</li></ul>	As Found	29.4	34.6	0.065 °F
	600.0	600.082	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.060 °F
	1600.0	1600.089	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.060 °F
	2200.0	2200.084	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.060 °F
	3200.0	3200.060	<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	-49.743	<ul> <li>Image: A start of the start of</li></ul>	As Found	-52.0	-48.0	0.065 °F
	32.0	31.943	<ul> <li>Image: A start of the start of</li></ul>	As Found	30.0	34.0	0.065 °F
	600.0	600.114	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.060 °F
	1600.0	1599.992	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.061 °F
	2200.0	2199.994	<ul> <li>Image: A start of the start of</li></ul>	As Found	2197.8	2202.2	0.061 °F
	3200.0	3199.877	<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	31.989	<ul> <li>Image: A start of the start of</li></ul>	As Found	31.0	33.0	0.058 °F
	600.0	600.207	<ul> <li>Image: A start of the start of</li></ul>	As Found	599.0	601.0	0.058 °F
	1400.0	1400.043	<ul> <li>Image: A start of the start of</li></ul>	As Found	1398.6	1401.4	0.059 °F
	1600.0	1600.108	<ul> <li>Image: A start of the start of</li></ul>	As Found	1598.4	1601.6	0.059 °F
	2000.0	1999.985	<ul> <li>✓</li> </ul>	As Found	1998.0	2002.0	0.059 °F



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🗸 In Tolerance 🛛 🗶 Out	of Tolerance	(	Calib	ration Data								
Range	Nominal	As Found	l	As Left		Min	Max	Uncertainty				
Thermocouple Output												
	2370.0	2370.203	$\checkmark$	As Found		2367.6	2372.4	0.060 °F				
Type B 122° to 3276°F	150.0	146.2	✓	As Found		126.3	173.7	0.15 °F				
	1200.0	1199.915	✓	As Found		1198.0	1202.0	0.062 °F				
	1600.0	1600.158	✓	As Found		1598.4	1601.6	0.060 °F				
	2000.0	2000.086	✓	As Found		1998.0	2002.0	0.060 °F				
	2600.0	2600.102	✓	As Found		2597.4	2602.6	0.060 °F				
	3272.0	3272.061	✓	As Found		3268.7	3275.3	0.061 °F				
				End of Datasheet								

End of Datasheet

#### **Calibration Standards**

NIST Traceable #	Instrument ID#	Description	Model	Calibration Date	Date Due
1000226061	00826	Thermometer	1560 w/2560	05 NOV 2021	28 FEB 2023
1000226988	00888	Calibrator	5720A	11 JAN 2022	31 JAN 2023
1000229225	00522	Resistance Standard	RS925A	02 MAY 2022	30 APR 2023
1000229248	01196	RH/Temperature Data Logger	EL-USB-2-LCD	31 MAY 2022	30 APR 2023
1000229782	00890	Multimeter, 8.5 Digit Reference	8508A-01	26 MAY 2022	31 MAY 2023