

# CHROMEGA® VS. GOLD-0.07 ATOMIC PERCENT IRON THERMOCOUPLE

## Table of Temperature vs. Thermoelectric Voltage

Temperature (KELVIN)	E, $\mu$ V	Temperature (KELVIN)	E, $\mu$ V	Temperature (KELVIN)	E, $\mu$ V	Temperature (KELVIN)	E, $\mu$ V
		35	545.40	70	1136.21	105	1776.71
		36	561.86	71	1153.80	106	1795.73
		37	578.31	72	1171.44	107	1814.78
3	28.02	38	594.76	73	1189.12	108	1833.86
4	39.94	39	611.22	74	1206.84	109	1852.99
		40	627.68	75	1224.60	110	1872.14
5	52.84	41	644.16	76	1242.40	111	1891.34
6	66.58	42	660.65	77	1260.25	112	1910.57
7	81.01	43	677.16	78	1278.14	113	1929.83
8	96.02	44	693.69	79	1296.08	114	1949.13
9	111.51						
10	127.39	45	710.24	80	1314.05	115	1968.46
11	143.58	46	726.82	81	1332.07	116	1987.82
12	160.02	47	743.43	82	1350.13	117	2007.22
13	176.65	48	760.07	83	1368.23	118	2026.65
14	193.42	49	776.74	84	1386.37	119	2046.11
		50	793.45	85	1404.56	120	2065.61
15	210.29	51	810.20	86	1422.79	121	2085.14
16	227.23	52	826.98	87	1441.05	122	2104.70
17	244.21	53	843.80	88	1459.36	123	2124.29
18	261.21	54	860.66	89	1477.71	124	2143.91
19	278.20						
20	295.18	55	877.56	90	1496.10	125	2163.56
21	312.14	56	894.50	91	1514.53	126	2183.24
22	329.06	57	911.49	92	1533.00	127	2202.96
23	345.94	58	928.51	93	1551.52	128	2222.70
24	362.77	59	945.58	94	1570.07	129	2242.47
		60	962.70	95	1588.66	130	2262.27
25	379.56	61	979.85	96	1607.29	131	2282.10
26	396.31	62	997.05	97	1625.96	132	2301.96
27	413.01	63	1014.29	98	1644.67	133	2321.85
28	429.67	64	1013.58	99	1663.42	134	2341.76
29	446.29						
30	462.87	65	1048.91	100	1682.21	135	2361.70
31	479.43	66	1066.28	101	1701.03	136	2381.68
32	495.95	67	1083.70	102	1719.90	137	2401.67
33	512.45	68	1101.16	103	1738.80	138	2421.70
34	528.93	69	1118.66	104	1757.74	139	2441.75

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140	2461.83	175	3180.19	210	3923.82	245	4686.39
141	2481.94	176	3201.12	211	3945.38	246	4708.38
142	2502.07	177	3222.07	212	3966.95	247	4730.37
143	2522.23	178	3243.04	213	3988.54	248	4752.38
144	2542.42	179	3264.03	214	4010.15	249	4774.39
145	2562.63	180	3285.03	215	4031.77	250	4796.41
146	2582.87	181	3306.06	216	4053.40	251	4818.45
147	2603.13	182	3327.11	217	4075.06	252	4840.49
148	2623.42	183	3348.18	218	4096.72	253	4862.54
149	2643.73	184	3369.27	219	4118.40	254	4884.60
150	2664.07	185	3390.37	220	4140.09	255	4906.68
151	2684.44	186	3411.50	221	4161.80	256	4928.76
152	2704.82	187	3432.64	222	4183.52	257	4950.85
153	2725.24	188	3453.80	223	4205.26	258	4972.96
154	2745.67	189	3474.98	224	4227.01	259	4995.07
155	2766.14	190	3496.18	225	4248.77	260	5017.20
156	2786.62	191	3517.40	226	4270.55	261	5039.34
157	2807.13	192	3538.63	227	4292.33	262	5061.49
158	2827.67	193	3559.88	228	4314.13	263	5083.65
159	2848.22	194	3581.15	229	4335.95	264	5105.83
160	2868.80	195	3602.44	230	4357.77	265	5128.01
161	2889.41	196	3623.75	231	4379.61	266	5150.21
162	2910.03	197	3645.07	232	4401.45	267	5172.42
163	2930.68	198	3666.41	233	4423.31	268	5194.64
164	2951.35	199	3687.77	234	4445.18	269	5216.87
165	2972.05	200	3709.14	235	4467.06	270	5239.11
166	2992.77	201	3730.54	236	4488.95	271	5261.36
167	3013.50	202	3751.95	237	4510.85	272	5283.62
168	3034.27	203	3773.37	238	4532.76	273	5305.88
169	3055.05	204	3794.82	239	4554.68	274	5328.16
170	3075.85	205	3816.28	240	4576.61	275	5350.44
171	3096.68	206	3837.75	241	4598.55	276	5372.73
172	3117.52	207	3859.25	242	4620.49	277	5395.02
173	3138.39	208	3880.76	243	4642.45	278	5417.31
174	3159.28	209	3902.28	244	4664.42	279	5439.61