

最大温度范围

热电偶级

-32 ~ 4208°F

-0 ~ 2320°C

延展级

32 ~ 1600°F

0 ~ 870°C

误差限

(以较大者为准)

标配: 425°C以下, 4.5°C; 425~2320°C, 1.0%

特殊: 未确定

说明, 裸线环境:

真空、惰性环境; 注意防止脆裂;

750°F以下不实用; 不能用在氧化气体中

温度单位为度°C

参比端处于0°

°C

含铼5%的钨铼合金

与含铼26%的钨铼合金



延展级

IEC色标

ANSI色标

型号

参考表  
N.I.S.T.  
专题论文175  
ITS-90  
修订



热电电压单位为毫伏

Table with 21 columns and 21 rows of temperature and voltage data. Columns are labeled with °C and 0-10. Rows are labeled with 0-200 and 200-990. The table provides millivolt values for temperatures ranging from 0°C to 990°C.



# 修订版热电偶参考表

最大温度范围

热电偶级  
-32 ~ 4208°F  
-0 ~ 2320°C

延展级  
32 ~ 1600°F  
0 ~ 870°C

误差限  
(以较大者为准)

标配: 425°C以下, 4.5°C; 425~2320°C, 1.0%

特殊: 未确定

说明, 裸线环境:

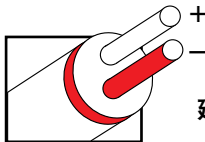
真空、惰性环境; 注意防止脆裂;

750°F以下不实用; 不能用在氧化气体中

温度单位为度°C

参比端处于0°

°C  
含铈5%的  
钨铼合金  
与  
含铈26%的  
钨铼合金



延展级

IEC色标

ANSI色标

**型号**  
参考表  
N.I.S.T.  
专题论文175  
ITS-90  
修订



热电电压单位为毫伏

°C	0	1	2	3	4	5	6	7	8	9	10	°C
2000	33.660	33.672	33.684	33.697	33.709	33.721	33.733	33.745	33.757	33.769	33.782	2000
2010	33.782	33.794	33.806	33.818	33.830	33.842	33.854	33.866	33.878	33.890	33.902	2010
2020	33.902	33.914	33.926	33.938	33.950	33.962	33.974	33.986	33.998	34.010	34.022	2020
2030	34.022	34.034	34.046	34.058	34.070	34.082	34.094	34.106	34.118	34.130	34.142	2030
2040	34.142	34.153	34.165	34.177	34.189	34.201	34.213	34.225	34.236	34.248	34.260	2040
2050	34.260	34.272	34.284	34.295	34.307	34.319	34.331	34.342	34.354	34.366	34.378	2050
2060	34.378	34.389	34.401	34.413	34.424	34.436	34.448	34.459	34.471	34.483	34.494	2060
2070	34.494	34.506	34.518	34.529	34.541	34.552	34.564	34.576	34.587	34.599	34.610	2070
2080	34.610	34.622	34.633	34.645	34.656	34.668	34.679	34.691	34.702	34.714	34.725	2080
2090	34.725	34.737	34.748	34.760	34.771	34.782	34.794	34.805	34.817	34.828	34.839	2090
2100	34.839	34.851	34.862	34.874	34.885	34.896	34.908	34.919	34.930	34.942	34.953	2100
2110	34.953	34.964	34.975	34.987	34.998	35.009	35.020	35.032	35.043	35.054	35.065	2110
2120	35.065	35.077	35.088	35.099	35.110	35.121	35.132	35.144	35.155	35.166	35.177	2120
2130	35.177	35.188	35.199	35.210	35.221	35.232	35.243	35.254	35.265	35.277	35.288	2130
2140	35.288	35.299	35.310	35.321	35.332	35.343	35.353	35.364	35.375	35.386	35.397	2140
2150	35.397	35.408	35.419	35.430	35.441	35.452	35.463	35.474	35.484	35.495	35.506	2150
2160	35.506	35.517	35.528	35.539	35.549	35.560	35.571	35.582	35.592	35.603	35.614	2160
2170	35.614	35.625	35.635	35.646	35.657	35.668	35.678	35.689	35.700	35.710	35.721	2170
2180	35.721	35.731	35.742	35.753	35.763	35.774	35.784	35.795	35.806	35.816	35.827	2180
2190	35.827	35.837	35.848	35.858	35.869	35.879	35.890	35.900	35.911	35.921	35.932	2190

°C	0	1	2	3	4	5	6	7	8	9	10	°C
2200	35.932	35.942	35.953	35.963	35.973	35.984	35.994	36.004	36.015	36.025	36.036	2200
2210	36.036	36.04636-056	36.067	36.077	36.087	36.097	36.108	36.118	36.128	36.138	2210	
2220	36.138	36.149	36.159	36.169	36.179	36.189	36.200	36.210	36.220	36.230	36.240	2220
2230	36.240	36.250	36.260	36.271	36.281	36.291	36.301	36.311	36.321	36.331	36.341	2230
2240	36.341	36.351	36.361	36.371	36.381	36.391	36.401	36.411	36.421	36.431	36.441	2240
2250	36.441	36.451	36.460	36.470	36.480	36.49036-500	36.510	36.520	36.529	36.539	2250	
2260	36.539	36.549	36.559	36.569	36.578	36.588	36.598	36.608	36.617	36.627	36.637	2260
2270	36.637	36.646	36.656	36.666	36.675	36.685	36.695	36.704	36.714	36.723	36.733	2270
2280	36.733	36.743	36.752	36.762	36.771	36.781	36.790	36.800	36.809	36.819	36.828	2280
2290	36.828	36.838	36.847	36.857	36.866	36.875	36.885	36.894	36.903	36.913	36.922	2290
2300	36.922	36.932	36.941	36.950	36.959	36.969	36.978	36.987	36.997	37.006	37.015	2300
2310	37.015	37.024	37.033	37.043	37.052	37.061	37.070	37.079	37.088	37.097	37.107	2310

°C	0	1	2	3	4	5	6	7	8	9	10	°C
----	---	---	---	---	---	---	---	---	---	---	----	----

°C	0	1	2	3	4	5	6	7	8	9	10	°C
----	---	---	---	---	---	---	---	---	---	---	----	----