

CHT MILLIVOLT TABLE
Color Coding/Thermocouple Type

BLACK/YELLOW (+/-) IRON/CONSTANTAN (Type J)		Reference Junction Temperature:	
75°F		25°C	
°F	mV	°C	mV
100	0.72	50	1.30
125	1.45	75	2.64
150	2.19	100	3.99
175	2.94	125	5.35
200	3.69	150	6.72
225	4.44	175	8.11
250	5.20	200	9.50
275	5.96	225	10.89
300	6.72	250	12.28
325	7.49	275	13.66
350	8.26	300	15.05
375	9.03	325	16.43
400	9.81	350	17.81
425	10.58	375	19.19
450	11.64	400	20.57
475	12.12		
500	12.90		
525	13.66		
550	14.43		
575	15.20		
600	15.96		
625	16.73		
650	17.50		
675	18.27		
700	19.04		

YELLOW/RED (+/-) CHROMEL/ALUMEL (Type K)		Reference Junction Temperature:	
75°F		25°C	
°F	mV	°C	mV
100	0.57	50	1.02
125	1.14	75	2.06
150	1.71	100	3.10
175	2.29	125	4.13
200	2.87	150	5.14
225	3.45	175	6.14
250	4.02	200	7.14
275	4.58	225	8.14
300	5.14	250	9.16
325	5.70	275	10.18
350	6.25	300	11.22
375	6.80	325	12.25
400	7.36	350	13.30
425	7.92	375	14.35
450	8.48	400	15.40
475	9.05		
500	9.62		
525	10.18		
550	10.76		
575	11.33		
600	11.91		
625	12.49		
650	13.07		
675	13.65		
700	14.23		

EGT MILLIVOLT TABLE
Color Coding/Thermocouple Type

YELLOW/RED (+/-) CHROMEL/ALUMEL (Type K)		Reference Junction Temperature:	
75°F		25°C	
°F	mV	°C	mV
1000	21.31	550	21.78
1025	21.90	575	22.84
1050	22.49	600	23.91
1075	23.08	625	24.98
1100	23.68	650	26.03
1125	24.27	675	27.08
1150	24.86	700	28.14
1175	25.45	725	29.18
1200	26.03	750	30.23
1225	26.62	775	31.27
1250	27.20	800	32.30
1275	27.79	825	33.32
1300	28.37	850	34.34
1325	28.96	875	35.35
1350	29.54	900	36.36
1375	30.12	925	37.36
1400	30.70	950	38.35
1425	31.27	975	39.34
1450	31.85	1000	40.31
1475	32.42		
1500	32.98		
1525	33.55		
1550	34.12		
1575	34.68		
1600	35.24		
1625	35.81		
1650	36.36		
1675	36.92		
1700	37.48		
1725	38.02		
1750	38.58		
1775	39.12		
1800	39.67		

TAN/RED (+/-) CHROMEL/CONSTANTAN (Type E)		Reference Junction Temperature:	
75°F		25°C	
°F	mV	°C	mV
1000	38.63	550	39.55
1025	39.76	575	41.58
1050	40.88	600	43.60
1075	42.01	625	45.63
1100	43.13	650	47.63
1125	44.26	675	49.64
1150	45.38	700	51.64
1175	46.50	725	53.64
1200	47.61	750	55.62
1225	48.73	775	57.61
1250	49.84	800	59.58
1275	50.96	825	61.54
1300	52.07	850	63.49
1325	53.18	875	65.43
1350	54.28	900	67.35
1375	55.38	925	69.27
1400	56.49	950	71.18
1425	57.59	975	73.08
1450	58.68	1000	74.95
1475	59.78		
1500	60.87		
1525	61.96		
1550	63.04		
1575	64.13		
1600	65.20		
1625	66.27		
1650	67.33		
1675	68.41		
1700	69.47		
1725	70.53		
1750	71.59		
1775	72.64		
1800	73.69		