

CHT MILLIVOLT TABLE
Color Coding/Thermocouple Type

BLACK/YELLOW
(+/-)

IRON/CONSTANT
(Type J)

Reference Junction Temperature:

75F		25C	
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	47.49	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		
425	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)
75F

F	mV
1000	21.31
1025	21.90
1050	22.49
1075	23.08
1100	23.68
1125	24.27
1150	24.86
1175	25.45
1200	26.03
1225	26.62
1250	27.20
1275	27.79
1300	28.37
1325	28.96
1350	29.54
1375	30.12
1400	30.70
1425	31.27
1450	31.85
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

EGT MILLIVOLT TABLE
Color Coding/Thermocouple Type

TAN/RED
(+/-)
CHROMEL/CONSTANTAN

Reference Junction Temperature:

(Type E)

25C		75F		25C	
C	mV	F	mV	C	mV
550	21.78	1000	38.63	550	39.55
575	22.84	1025	39.76	575	41.58
600	23.91	1050	40.88	600	43.60
625	24.98	1075	42.01	625	45.63
650	26.03	1100	43.13	650	47.63
675	27.08	1125	44.26	675	49.64
700	28.14	1150	45.38	700	51.64
725	29.18	1175	46.50	725	53.64
750	30.23	1200	47.61	750	55.62
775	31.27	1225	48.73	775	57.61
800	32.30	1250	49.84	800	59.58
825	33.32	1275	50.96	825	61.54
850	34.34	1300	52.07	850	63.49
875	35.35	1325	53.18	875	65.43
900	36.36	1350	54.28	900	67.35
925	37.36	1375	55.38	925	69.27
950	38.35	1400	56.49	950	71.18
975	39.34	1425	57.59	975	73.08
1000	40.31	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		