

## Temperature Calibrator

### MODEL TES 125

- Simple & Easy to key-in the exact temperature value you need
- Dual LCD display to show the Reference Room Temperature at the same time
- Accept 11 different type of Thermocouple (K, J, E, T, R, S, N, L, U, B, C)
- Auto-Ramp &  $\Delta$  function



### TES 125 Specification

Type	Range		Accuracy	
	°C	°F	Intrnl Temperature Reference	Extrnl Temperature Reference
<b>K</b>	-200 ~ -100	-320 ~ -148	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
	-100 ~ -25	-148 ~ -13	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	-25 ~ 120	-13 ~ 248	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	120 ~ 1000	248 ~ 1832	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
	1000 ~ 1370	1832 ~ 2500	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
<b>J</b>	-210 ~ -100	-340 ~ -148	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
	-100 ~ -30	-148 ~ -22	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	-30 ~ 150	-22 ~ 302	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	150 ~ 760	302 ~ 1400	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	760 ~ 1130	1400 ~ 2030	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
<b>T</b>	-250 ~ -150	-410 ~ -238	+/- 0.7°C / +/- 1.3°F	+/- 0.5°C / +/- 0.9°F
	-150 ~ 0	-238 ~ 32	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
	0 ~ 120	32 ~ 248	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	120 ~ 400	120 ~ 400	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
<b>E</b>	-250 ~ -100	-410 ~ -148	+/- 0.6°C / +/- 1.1°F	+/- 0.4°C / +/- 0.7°F
	-100 ~ -25	-148 ~ -13	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	-25 ~ 350	-13 ~ 662	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	350 ~ 650	662 ~ 1202	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	650 ~ 850	1202 ~ 1550	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
<b>R</b>	0 ~ 250	40 ~ 482	+/- 0.7°C / +/- 1.3°F	+/- 0.5°C / +/- 0.9°F
	250 ~ 400	482 ~ 752	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
	400 ~ 1000	752 ~ 1832	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
	1000 ~ 1760	1832 ~ 3210	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F

	250 ~ 1000 1000 ~ 1400 1400 ~ 1760	482 ~ 1832 1832 ~ 2552 2552 ~ 3210	+/- 0.5°C / +/- 1.0°F +/- 0.5°C / +/- 1.0°F +/- 0.6°C / +/- 1.1°F	+/- 0.3°C / +/- 0.6°F +/- 0.3°C / +/- 0.6°F +/- 0.4°C / +/- 0.7°F
<b>N</b>	-200 ~ -100 -100 ~ -25 -25 ~ 120 120 ~ 410 410 ~ 1300	-320 ~ -148 -148 ~ -13 -13 ~ 248 248 ~ 770 770 ~ 2370	+/- 0.5°C / +/- 1.0°F +/- 0.4°C / +/- 0.8°F +/- 0.4°C / +/- 0.7°F +/- 0.4°C / +/- 0.7°F +/- 0.5°C / +/- 0.8°F	+/- 0.3°C / +/- 0.6°F +/- 0.2°C / +/- 0.4°F +/- 0.2°C / +/- 0.3°F +/- 0.2°C / +/- 0.3°F +/- 0.3°C / +/- 0.4°F
<b>L</b>	-200 ~ -100 -100 ~ 900	-320 ~ -148 -148 ~ 1650	+/- 0.5°C / +/- 0.9°F +/- 0.4°C / +/- 0.7°F	+/- 0.3°C / +/- 0.5°F +/- 0.2°C / +/- 0.3°F
<b>U</b>	-200 ~ -0 0 ~ 600	-320 ~ 32 32 ~ 1110	+/- 0.4°C / +/- 0.7°F +/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F +/- 0.2°C / +/- 0.3°F
<b>B</b>	600 ~ 800 800 ~ 1000 1000 ~ 1550 1550 ~ 1820	1120 ~ 1472 1472 ~ 1832 1832 ~ 2822 2822 ~ 3300	+/- 0.7°C / +/- 1.2°F +/- 0.6°C / +/- 1.1°F +/- 0.5°C / +/- 1.0°F +/- 0.5°C / +/- 0.9°F	+/- 0.5°C / +/- 0.8°F +/- 0.4°C / +/- 0.7°F +/- 0.3°C / +/- 0.6°F +/- 0.3°C / +/- 0.5°F
<b>C</b>	0 ~ 150 150 ~ 650 650 ~ 1000 1000 ~ 1800 1800 ~ 2310	40 ~ 302 302 ~ 1202 1202 ~ 1832 1832 ~ 3272 3272 ~ 4200	+/- 0.5°C / +/- 0.9°F +/- 0.4°C / +/- 0.8°F +/- 0.5°C / +/- 0.9°F +/- 0.6°C / +/- 1.1°F +/- 0.9°C / +/- 1.6°F	+/- 0.3°C / +/- 0.5°F +/- 0.2°C / +/- 0.4°F +/- 0.3°C / +/- 0.5°F +/- 0.4°C / +/- 0.7°F +/- 0.7°C / +/- 1.2°F

### General Specification:

**Battery Type:** 9V Alkaline Battery (External Power Input 9 - 15V)

**Display:** 4 + 5 Digits

**Operating Temperature:** 0 to 50°C ( 32 to 122 °F)

**Operating Humidity:** Less than 85% relative

**Storage Temperature:** -20 to 60°C (-4 to 140 °F)

**Storage Humidity:** Less than 85% relative

**Dimension:** 88 x 168 x 26 mm (3.46" x 6.61" x 1.03")

**Weight:** 330 g / 11.63 oz

**Accessories:** Carrying case x 1

Users Manual x 1

K type thermocouple connector

External Battery Pack (without batteries)

9 V battery x 1

### Distribuye



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