

# PROVA-125 Temperature Calibrator



## FEATURES

- 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 &  $\Delta T$  function



## 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
<b>S</b>	0 ~ 250	40 ~ 482	+/- 0.7°C / +/- 1.3°F	+/- 0.5°C / +/- 0.9°F
	250 ~ 1000	482 ~ 1832	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
	1000 ~ 1400	1832 ~ 2552	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
	1400 ~ 1760	2552 ~ 3210	+/- 0.6°C / +/- 1.1°F	+/- 0.4°C / +/- 0.7°F
<b>N</b>	-200 ~ -100	-320 ~ -148	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
	-100 ~ -25	-148 ~ -13	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
	-25 ~ 120	-13 ~ 248	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	120 ~ 410	248 ~ 770	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	410 ~ 1300	770 ~ 2370	+/- 0.5°C / +/- 0.8°F	+/- 0.3°C / +/- 0.4°F
<b>L</b>	-200 ~ -100	-320 ~ -148	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
	-100 ~ 900	-148 ~ 1650	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
<b>U</b>	-200 ~ -0	-320 ~ 32	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
	0 ~ 600	32 ~ 1110	+/- 0.4°C / +/- 0.7°F	+/- 0.2°C / +/- 0.3°F
<b>B</b>	600 ~ 800	1120 ~ 1472	+/- 0.7°C / +/- 1.2°F	+/- 0.5°C / +/- 0.8°F
	800 ~ 1000	1472 ~ 1832	+/- 0.6°C / +/- 1.1°F	+/- 0.4°C / +/- 0.7°F
	1000 ~ 1550	1832 ~ 2822	+/- 0.5°C / +/- 1.0°F	+/- 0.3°C / +/- 0.6°F
	1550 ~ 1820	2822 ~ 3300	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
<b>C</b>	0 ~ 150	40 ~ 302	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
	150 ~ 650	302 ~ 1202	+/- 0.4°C / +/- 0.8°F	+/- 0.2°C / +/- 0.4°F
	650 ~ 1000	1202 ~ 1832	+/- 0.5°C / +/- 0.9°F	+/- 0.3°C / +/- 0.5°F
	1000 ~ 1800	1832 ~ 3272	+/- 0.6°C / +/- 1.1°F	+/- 0.4°C / +/- 0.7°F
	1800 ~ 2310	3272 ~ 4200	+/- 0.9°C / +/- 1.6°F	+/- 0.7°C / +/- 1.2°F

### General Specification

<b>Battery Type</b>	9V Alkaline Battery (External Power Input 9 - 15V)
<b>Display</b>	4 + 5 Digits
<b>Operating Temperature</b>	0 to 50 °C ( 32 to 122 °F )
<b>Operating Humidity</b>	Less than 85% relative
<b>Storage Temperature</b>	-20 to 60 °C (-4 to 140 °F )
<b>Storage Humidity</b>	Less than 85% relative
<b>Dimension</b>	88 x 168 x 26 mm (3.46" x 6.61" x 1.03")
<b>Weight</b>	330 g / 11.63 oz
<b>Accessories</b>	Carrying case x 1 Users Manual x 1 K type thermocouple connector External Battery Pack (without batteries) 9 V battery x 1

