

TECPEL

327 Temperature Calibrator

- 11 types of thermocouples. (K, J, E, T, R, S, N, L, U, B and C)
- High accuracy and stability. (Basic Accuracy $0\% \pm 0.4^{\circ}\text{C}$)
- $^{\circ}\text{C}$ and $^{\circ}\text{F}$ with 0.1°C and 0.1°F resolution.
- 99 memories to store temperature, thermocouple type, $^{\circ}\text{C}$, or $^{\circ}\text{F}$.
- U_CAL feature to fine tune temperature output to almost 0 error.
- Economic and useful for production.
- Users friendly design.



CL 327 Temperature Calibrator

Specification (23°C ±5°C, 10 minutes after power is on)

Internal Temperature Reference (0.1°C, 0.1°F Resolution, 100Ω Output Impedance)

TYPE	°C		°F		TYPE	°C		°F	
	RANGE	ACCURACY	RANGE	ACCURACY		RANGE	ACCURACY	RANGE	ACCURACY
K	-200~-100	±0.5	-328~-148	±0.9	S	0~250	±0.7	32~482	±1.3
	-100~-25	±0.4	-148~-13	±0.7		250~1,000	±0.5	482~1,832	±1.0
	-25~-120	±0.4	-13~-248	±0.7		1,000~1,400	±0.5	1,832~2,552	±1.0
	120~1,000	±0.4	248~1,832	±0.8		1,400~1,760	±0.6	2,552~3,200	±1.1
	1,000~1,370	±0.5	1,832~2,498	±1.0					
U	-200~-100	±0.4	-328~-148	±0.8	N	-200~-100	±0.5	-328~-148	±1.0
	-100~-30	±0.4	-148~-22	±0.7		-100~-25	±0.4	-148~-13	±0.8
	-30~150	±0.4	-22~302	±0.7		-25~120	±0.4	-13~248	±0.7
	150~760	±0.4	302~1,400	±0.7		120~410	±0.4	248~770	±0.7
	760~1,050	±0.4	1,400~1,922	±0.8		410~1,300	±0.5	770~2,372	±0.8
E	-150~-100	±0.6	-238~-148	±1.1	L	-200~-100	±0.5	-328~-148	±0.9
	-100~-25	±0.4	-148~-13	±0.7		-100~900	±0.4	-148~1,652	±0.7
	-25~350	±0.4	-13~662	±0.7	U	-200~0	±0.4	-328~32	±0.7
	350~650	±0.4	662~1,202	±0.7		0~600	±0.4	32~1,112	±0.7
	650~800	±0.4	1,202~1,472	±0.7		600~800	±0.7	1,112~1,472	±1.2
T	-200~-150	±0.7	-328~-238	±1.3	B	800~1,000	±0.6	1,472~1,832	±1.1
	-150~0	±0.4	-238~32	±0.8		1,000~1,550	±0.5	1,832~2,822	±1.0
	0~120	±0.4	32~248	±0.7		1,550~1,820	±0.5	2,882~3,308	±0.9
	120~400	±0.4	248~752	±0.7	C	0~150	±0.5	32~302	±0.9
	0~250	±0.7	32~482	±1.3		150~650	±0.4	302~1,202	±0.8
250~400	±0.5	482~752	±1.0	650~1,000		±0.5	1,202~1,832	±0.9	
400~1,000	±0.5	752~1,832	±0.9	1,000~1,800		±0.6	1,832~3,272	±1.1	
R	1,000~1,760	±0.5	1,832~3,200	±1.0	1,800~2,310	±0.9	3,272~4,190	±1.6	
					mV	-9.999~60	10 _μ V	-9.999~60	10 _μ V

General Specification

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"x6.61"x1.03")
Weight	330 g /11.63 oz
Accessories	Carrying case x 1 • Users Manual x 1 K type thermocouple connector • 9V battery x 1