

# Handheld Calibrators

- ✓ Multifunction Calibrator  
Model CL123: K, J, E, T in °C, °F, mA, mV, V, Hz
- ✓ Thermocouple Calibrator  
Model CL125: K, J, E, T, R, S, N, L, U, B, C in °C, °F, or K
- ✓ 4 to 20 mA Calibrator Model CL100MA (4 to 20 mA, 0 to 20 mA, 0 to 24 mA)
- ✓ Easy Pushbutton Programming
- ✓ Ramp, % Input, EZ-Step, and DT Functions

## CL100 Series



For thermocouple models, connection via SMP connector on front of unit.

## Specifications

**Battery:** 9V alkaline (included)

**Displays:** 4 and 5 digits

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

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

**Operating/Storage Humidity:** <85% RH

**Dimensions:** 168 H x 88 W x 26 mm D

(6.6 x 3.5 x 1")

**Weight:** 330 g (11.6 oz)



## CL125 Thermocouple Specifications

Type	Range		Accuracy	
	°C	°F	Internal Temperature Reference	External Temperature Reference
K	-200 ~ -100	-328 ~ -148	0.5°C / 0.9°F	0.3°C / 0.5°F
	-100 ~ -25	-148 ~ -13	0.4	0.2
	-25 ~ 120	-13 ~ 248	0.4	0.2
	120 ~ 1000	248 ~ 1832	0.4	0.2
	1000 ~ 1370	1832 ~ 2498	0.5	0.3
J	-200 ~ -100	-328 ~ -148	0.4°C / 0.8°F	0.2°C / 0.4°F
	-100 ~ -30	-148 ~ -22	0.4	0.2
	-30 ~ 150	-22 ~ 302	0.4	0.2
	150 ~ 760	302 ~ 1400	0.4	0.2
	760 ~ 1050	1400 ~ 1922	0.4	0.2
E	-150 ~ -100	-238 ~ -148	0.6°C / 1.1°F	0.4°C / 0.7°F
	-100 ~ -25	-148 ~ -13	0.4	0.2
	-25 ~ 350	-13 ~ 662	0.4	0.2
	350 ~ 650	662 ~ 1202	0.4	0.2
	650 ~ 800	1202 ~ 1472	0.4	0.2
T	-200 ~ -150	-328 ~ -238	0.7°C / 1.3°F	0.5°C / 0.9°F
	-150 ~ 0	-238 ~ 32	0.4	0.2
	0 ~ 120	32 ~ 248	0.4	0.2
	120 ~ 400	248 ~ 752	0.4	0.2
R	0 ~ 250	32 ~ 482	0.7°C / 1.3°F	0.5°C / 0.9°F
	250 ~ 400	482 ~ 752	0.5	0.3
	400 ~ 1000	752 ~ 1832	0.5	0.3
	1000 ~ 1760	1832 ~ 3200	0.5	0.3
S	0 ~ 250	32 ~ 482	0.7°C / 1.3°F	0.5°C / 0.9°F
	250 ~ 1000	482 ~ 1832	0.5	0.3
	1000 ~ 1400	1832 ~ 2552	0.5	0.3
	1400 ~ 1760	2552 ~ 3200	0.6	0.4
N	-200 ~ -100	-328 ~ -148	0.5°C / 1.0°F	0.3°C / 0.6°F
	-100 ~ -25	-148 ~ -13	0.4	0.2
	-25 ~ 120	-13 ~ 248	0.4	0.2
	120 ~ 410	248 ~ 770	0.4	0.2
L	-200 ~ -100	-328 ~ -148	0.5°C / 0.9°F	0.3°C / 0.5°F
	-100 ~ 900	-148 ~ 1652	0.4	0.2
U	-200 ~ 0	-328 ~ 32	0.4°C / 0.7°F	0.2°C / 0.3°F
	0 ~ 600	32 ~ 1112	0.4	0.2
B	600 ~ 800	1112 ~ 1472	0.7°C / 1.2°F	0.5°C / 0.8°F
	800 ~ 1000	1472 ~ 1832	0.6	0.4
	1000 ~ 1550	1832 ~ 2822	0.5	0.3
	1550 ~ 1820	2822 ~ 3308	0.5	0.3
C	0 ~ 150	32 ~ 302	0.5°C / 0.9°F	0.3°C / 0.5°F
	150 ~ 650	302 ~ 1202	0.4	0.2
	650 ~ 1000	1202 ~ 1832	0.5	0.3
	1000 ~ 1800	1832 ~ 3272	0.6	0.4
	1800 ~ 2310	3272 ~ 4190	0.9	0.7

The TRODEX® CL100 Series comprises easy-to-use handheld calibrators. Models that simulate thermocouples, voltage, and output signals are available.

## To Order

Model No.	Description
CL123	Multifunction calibrator
CL125	Thermocouple calibrator
CL100MA	mA loop calibrator
CL123-ADAPTOR-115V	115 V power supply for CL123 and CL100MA
CL123-ADAPTOR-230V	230 V power supply, European plug, for CL123 and CL100MA