

# PROVA®

## HANDHELD CALIBRATORS

- MULTIFUNCTION CALIBRATOR 123 mA, mV, V, Hz, °C, °F (K, J, E, T)
- THERMOCOUPLE CALIBRATOR 125 °C, °F, °K, (K, J, E, T, R, S, N, L, U, B, C)
- 4-20mA LOOP CALIBRATOR 100 4-20mA, 0-20mA, 0-24mA
- Easy Just-Type-in-Number Operation
- Ramp, % Input, Easy Step,  $\Delta T$  Functions



# PROVA<sup>®</sup>

## PROVA 125 Temperature Calibrator



### Electrical Specifications:

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

TYPE	Internal Temperature Reference (0.1°C, 0.1°F Resolution, 100Ω Output Impedance)				External Temperature Reference (0.1°C, 0.1°F Resolution, 100Ω Output Impedance)			
	°C		°F		°C		°F	
	Range	Accuracy	Range	Accuracy	Range	Accuracy	Range	Accuracy
K	-200 ~ -100	±0.5	-328 ~ -148	±0.9	-200 ~ -100	±0.3	-328 ~ -148	±0.5
	-100 ~ -25	±0.4	-148 ~ -13	±0.7	-100 ~ -25	±0.2	-148 ~ -13	±0.3
	-25 ~ 120	±0.4	-13 ~ 248	±0.7	-25 ~ 120	±0.2	-13 ~ 248	±0.3
	120 ~ 1000	±0.4	248 ~ 1832	±0.8	120 ~ 1000	±0.2	248 ~ 1832	±0.4
	1000 ~ 1370	±0.5	1832 ~ 2498	±1.0	1000 ~ 1370	±0.3	1832 ~ 2498	±0.6
J	-200 ~ -100	±0.4	-328 ~ -148	±0.8	-200 ~ -100	±0.2	-328 ~ -148	±0.4
	-100 ~ -30	±0.4	-148 ~ -22	±0.7	-100 ~ -30	±0.2	-148 ~ -22	±0.3
	-30 ~ 150	±0.4	-22 ~ 302	±0.7	-30 ~ 150	±0.2	-22 ~ 302	±0.3
	150 ~ 760	±0.4	302 ~ 1400	±0.7	150 ~ 760	±0.2	302 ~ 1400	±0.3
	760 ~ 1050	±0.4	1400 ~ 1922	±0.8	760 ~ 1050	±0.2	1400 ~ 1922	±0.4
E	-150 ~ -100	±0.6	-238 ~ -148	±1.1	-150 ~ -100	±0.4	-238 ~ -148	±0.7
	-100 ~ -25	±0.4	-148 ~ -13	±0.7	-100 ~ -25	±0.2	-148 ~ -13	±0.3
	-25 ~ 350	±0.4	-13 ~ 662	±0.7	-25 ~ 350	±0.2	-13 ~ 662	±0.3
	350 ~ 650	±0.4	662 ~ 1202	±0.7	350 ~ 650	±0.2	662 ~ 1202	±0.3
	650 ~ 800	±0.4	1202 ~ 1472	±0.7	650 ~ 800	±0.2	1202 ~ 1472	±0.3
T	-200 ~ -150	±0.7	-328 ~ -238	±1.3	-200 ~ -150	±0.5	-328 ~ -238	±0.9
	-150 ~ 0	±0.4	-238 ~ 32	±0.8	-150 ~ 0	±0.2	-238 ~ 32	±0.4
	0 ~ 120	±0.4	32 ~ 248	±0.7	0 ~ 120	±0.2	32 ~ 248	±0.3
	120 ~ 400	±0.4	248 ~ 752	±0.7	120 ~ 400	±0.2	248 ~ 752	±0.3
R	0 ~ 250	±0.7	32 ~ 482	±1.3	0 ~ 250	±0.5	32 ~ 482	±0.9
	250 ~ 400	±0.5	482 ~ 752	±1.0	250 ~ 400	±0.3	482 ~ 752	±0.6
	400 ~ 1000	±0.5	752 ~ 1832	±0.9	400 ~ 1000	±0.3	752 ~ 1832	±0.5
	1000 ~ 1760	±0.5	1832 ~ 3200	±1.0	1000 ~ 1760	±0.3	1832 ~ 3200	±0.6

TYPE	Internal Temperature Reference (0.1°C, 0.1°F Resolution, 100Ω Output Impedance)				External Temperature Reference (0.1°C, 0.1°F Resolution, 100Ω Output Impedance)			
	°C		°F		°C		°F	
	Range	Accuracy	Range	Accuracy	Range	Accuracy	Range	Accuracy
S	0 ~ 250	±0.7	32 ~ 482	±1.3	0 ~ 250	±0.5	32 ~ 482	±0.9
	250 ~ 1000	±0.5	482 ~ 1832	±1.0	250 ~ 1000	±0.3	482 ~ 1832	±0.6
	1000 ~ 1400	±0.5	1832 ~ 2552	±1.0	1000 ~ 1400	±0.3	1832 ~ 2552	±0.6
	1400 ~ 1760	±0.6	2552 ~ 3200	±1.1	1400 ~ 1760	±0.4	2552 ~ 3200	±0.7
N	-200 ~ -100	±0.5	-328 ~ -148	±1.0	-200 ~ -100	±0.3	-328 ~ -148	±0.6
	-100 ~ -25	±0.4	-148 ~ -13	±0.8	-100 ~ -25	±0.2	-148 ~ -13	±0.4
	-25 ~ 120	±0.4	-13 ~ 248	±0.7	-25 ~ 120	±0.2	-13 ~ 248	±0.3
	120 ~ 410	±0.4	248 ~ 770	±0.7	120 ~ 410	±0.2	248 ~ 770	±0.3
	410 ~ 1300	±0.5	770 ~ 2372	±0.8	410 ~ 1300	±0.3	770 ~ 2372	±0.4
L	-200 ~ -100	±0.5	-328 ~ -148	±0.9	-200 ~ -100	±0.3	-328 ~ -148	±0.5
	-100 ~ 900	±0.4	-148 ~ 1652	±0.7	-100 ~ 900	±0.2	-148 ~ 1652	±0.3
U	0 ~ 600	±0.4	32 ~ 1112	±0.7	0 ~ 600	±0.2	32 ~ 1112	±0.3
B	600 ~ 800	±0.7	1112 ~ 1472	±1.2	600 ~ 800	±0.5	1112 ~ 1472	±0.8
	800 ~ 1000	±0.6	1472 ~ 1832	±1.1	800 ~ 1000	±0.4	1472 ~ 1832	±0.7
	1000 ~ 1550	±0.5	1832 ~ 2822	±1.0	1000 ~ 1550	±0.3	1832 ~ 2822	±0.6
	1550 ~ 1820	±0.5	2822 ~ 3308	±0.9	1550 ~ 1820	±0.3	2822 ~ 3308	±0.5
C	0 ~ 150	±0.5	32 ~ 302	±0.9	0 ~ 150	±0.3	32 ~ 302	±0.5
	150 ~ 650	±0.4	302 ~ 1202	±0.8	150 ~ 650	±0.2	302 ~ 1202	±0.4
	650 ~ 1000	±0.5	1202 ~ 1832	±0.9	650 ~ 1000	±0.3	1202 ~ 1832	±0.5
	1000 ~ 1800	±0.6	1832 ~ 3272	±1.1	1000 ~ 1800	±0.4	1832 ~ 3272	±0.7
	1800 ~ 2310	±0.9	3272 ~ 4190	±1.6	1800 ~ 2310	±0.7	3272 ~ 4190	±1.2
mV	-9.999 ~ 60	10 μV	-9.999 ~ 60	10 μV	-9.999 ~ 60	10 μV	-9.999 ~ 60	10 μV

## General Specifications:

Dimension:	88 x 168 x 26 mm (3.46" x 6.61" x 1.03")
Battery Type:	9V Alkaline Battery
Display:	4+ 5 Digits
Operating Temperature:	0°C to 50°C (32°F to 122°F)
Operating Humidity:	less than 85% relative
Storage Temperature:	-20°C to 60°C (-4°F to 140°F)
Storage Humidity:	less than 85% relative
Weight:	330g / 11.63 oz
Accessories:	Carrying case x 1 Users Manual x 1 9V Alkaline Battery x 1 K type thermocouple connector

# PROVA®

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