



**General Features**

- Display : 5 digit LCD display
- Accuracy : ± 0.5%
- Maximum allowed voltage : 30V (within terminals or between terminal and earth ground)
- Operation temperature range : 0°C ~50°C
- Operation humidity range : = 80%RH
- Storage temperature range : = -10°C~55°C
- Storage humidity range : =90% RH
- Temperature coefficient : 0.1 x (dedicated accuracy)%
- Power : Two 1.5V alkaline batteries
- Power consumption : About 70m/3v %/°C (5°C~18°C~40°C)
- Weight : About 500g
- Accessory : User's Manual Industrial testing lead CF-36 (clips for probe) Holster & Carrying case
- Safety : Complies with IEC 1010

**Simple & Easy To Carry      Basic Accuracy 0.05%**

This is a Thermocouple "Source" & "Sink" Calibrator. It gives output of DC Volts & output for R,S,B,E,K,J,T & N Thermocouples. It measures DC Voltage & also R,S,B,E,K,J,T, & N Thermocouples. It has 5 digit LCD display & extremely high accuracy 0.05%



Digital large screen Display



8 Thermocouple Outputs



Low pressure tips



Clear function



Automatic shut-down



Unit Conversion



High precision Measurement



HD Large Screen

**Output Function**

Output	Range	Output range	Resolution	Accuracy	Remarks
DC Voltage	100mV	-10.00 ~ 110.00mV	0.01mV	± 0.05% ±30µV	The max. Output Current ± 2mA
	1V	-0.1000 ~ 1.1000V	0.1mV	± 0.05% ±30mV	
Thermo couple	R	-40°C ~ 1760°C	1°C	± 0.05% + 3 (Less than or equal to 100°C) ± 0.05% + 2 (more than 100°C)	Employs ITS-90 temperature standard The accuracy does not include the error of interior temperature compensation sensor The accuracy does not include impact of interior thermoelectric force.
	S	-20°C ~ 1760°C	1°C		
	B	400°C ~ 1800°C	1°C		
RTD	E	-200°C ~ 1000°C	0.1°C	± 0.05% + 20 (Less than or equal to 100°C) ± 0.05% + 10(more than 100°C)	
	K	-200°C ~ 1370°C	0.1°C		
	J	-200°C ~ 1200°C	0.1°C		
	T	-200°C ~ 400°C	0.1°C		
	N	-200°C ~ 1300°C	0.1°C		

**Input Function**

Output	Range	Output range	Resolution	Accuracy	Remarks
DC Voltage DC mV	100mV	-10.00 ~ 110.00mV	0.01mV	± 0.05% ±3	Input Resistance : 1mΩ
Thermo couple TC	R	-40°C ~ 1760°C	1°C	± 0.05% + 3 (Less than or equal to 100°C) ± 0.05% + 2 (more than 100°C)	Input Resistance : 1mΩ
	S	-200°C ~ 1760°C	1°C		
	B	400°C ~ 1800°C	1°C	± 0.05% + 3 (Less than or equal to 600°C) ± 0.05% + 2 (more than 600°C)	Employs ITS-90 temperature standard The accuracy does not include the error of interior temperature compensation sensor The accuracy does not include impact of interior thermoelectric force.
	E	-200°C ~ 1000°C	0.1°C	± 0.05% + 20 (Less than or equal to 100°C) ± 0.05% + 10(more than 100°C)	
	K	-200°C ~ 1370°C	0.1°C		
	J	-200°C ~ 1200°C	0.1°C		
	T	-200°C ~ 400°C	0.1°C		
N	-200°C ~ 1300°C	0.1°C			