




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) %/°C (5°C~18°C~40°C)
- Power : Two 1.5V alkaline batteries (Lr6)
- Power consumption : About 70m/3v
- 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 Calibrator is a source for Volts, Ohms RTD & Thermocouples, It gives output of Volts in 2 range 100mV & 1000mV & also gives output of Ohms in 2 ranges 400Ω & 4000Ω & output for calibrating R, S, B, E, K, J, T & N Type thermocouples. It also gives output for RTD Pt1000 & Cu50. It has very high accuracy of 0.05%




Digital large screen Display




8 Thermocouple Outputs




Low pressure tips




Clear function




Automatic shut-down



High precision Measurement



5 RTD Outputs



Unit Conversion

Output Function

Output	Range	Output range	Resolution	Accuracy	Illustration
DC Voltage	100mV	-10.00 ~ 110.00mV	0.01mV	± 0.05%+ 30μV	max. Output Current ± 2mA
	1000V	-1000 ~ 1100.0V	0.1mV	± 0.05% + 0.3mV	
OMH	400Ω	0 ~ 400.0Ω	0.1Ω	0.05%+0.2Ω	± 0.5 ~ ±3 mA Note1, Note 2
	4000Ω	0 ~ 4000Ω	1Ω	0.05%+ 2Ω	± 0.5 ~ ±0.3 mA Note1, Note 2
TC	R	-40°C ~ 1760°C	1°C	0.05% + 3°C (Less than or equal to 100°C) 0.05% +2°C (more than 100°C)	Employs ITS-90 temperature standard Note 3
	S	-20°C ~ 1760°C	1°C		
	B	400°C ~ 1800°C	1°C	0.05% + 3°C (400~ 600°C) 0.05% + 2°C (more than 600°C)	
	E	-200°C ~ 1000°C	0.1°C		
	K	-200°C ~ 1370°C	0.1°C	0.05% + 2°C (Less than or equal to -100°C) 0.05% + 1°C (more than 100°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			

Output	Range	Output range	Resolution	Accuracy	Illustration
RTD	Cu10	-10.0°C ~ 250.0°C-	0.1°C	0.05% + 0.6°C	Incentive current is ±0.5 ~ ±3mA when the incentive current is ±0.1 ~ 0.5 mA, 0.5°C additional error
	Cu50	-50°C ~ 150°C	0.1°C	0.05% + 0.6°C	
	Pt10 385	-200°C ~ 850°C	0.1°C	0.05% + 0.6°C	
	Pt 100 385	-200°C ~ 850°C	0.1°C	0.05% + 0.6°C	
	Pt 200 385	-200°C ~ 630°C	0.1°C	0.05% + 0.6°C	Incentive current is ±0.05 ~ ±0.3 mA
	Pt 500 385	-200°C ~ 630°C	0.1°C	0.05% + 0.6°C	
	Pt 1000 385	-200°C ~ 630°C	0.1°C	0.05% + 0.6°C	

Note 1 : Affiliated resistance of test leads is excluded
 Note 2 : The range of incentive current is from 0.05mA to 3mA, and the maximum output is less than or equals to 2V
 Note 3 : The accuracy does not include the error of interior temperature compensation sensor the range of interior temperature compensation sensor is from -10 to 50°C, and the error compensation is less than or equal to 0.5°C