

CL-327A PROCESS CALIBRATOR



**Process Signal Source High Accuracy Output function
Thermal resistance Thermocouple Frequency calibrator**

Introduction:

This process signals source (the calibrator in the following) is a handheld, battery-operated instrument that sources electrical and physical parameters

Features:

Source DC voltage, DC current, resistance, simulate Transmitter, TC, RTD, frequency, pulse, and switch

Others feature:

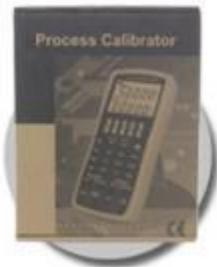
- Big LCD can display the TC/RTD measurement value and mV/Ω corresponding simultaneously; mA and mA% simultaneously
- TC source terminals and built-in lead connector of the same temperature (RJ compensation with auto-reference joint point)
- Manual step source and auto-step and sweeping-step source
- Room temperature monitoring under any operation

Source	DC millivolt	Range	-10 ~ 1100mV
		Accuracy=±(% of the set value+% of range)	0.02%+0.01%
		Resolution	1uV
	DC voltage	Range	-1 ~ 11V
		Accuracy=±(% of the set value+% of range)	0.02%+0.01%
		Resolution	0.1mV
	DC current	Range	0 ~ 22mA
		Accuracy=±(% of the set value+% of range)	0.02%+0.02%
		Resolution	1uA
	Sink current	Range	0 ~ 22mA
		Accuracy±(% of the set value+% of range)	0.02%+0.02%
		Resolution	1uA
		External power supply	5 ~ 28V
	Resistance	Range	0 ~ 40KΩ
		Accuracy=	0.02%+0.02%

		±(% of the set value+% of range)	
		Resolution	0.01Ω/0.1Ω/1Ω
Frequency	Range	1Hz ~ 100KHz	
	Accuracy	±2words	
	Resolution	0.01Hz/1Hz/0.1KHz/2KHz	
Pulse	Frequency	1Hz ~ 10KHz	
	Range	1 ~ 100000cyc	
	Accuracy	±2words	
	Resolution	1cyc	
Switch	Range	1Hz ~ 100KHz	
	Accuracy	±2words	
	Resolution	0.01Hz/1Hz/0.1KHz/2KHz	
Thermocouple	Range	10types(R/S/K/E/J/T/B/N/L/U)	
	Accuracy	0.4°C	
	Resolution	0.1°C/1°C	
RTD	Range	6types(Pt100/Pt200/Pt500/ Pt1000/Cu10/Cu50)	
	Accuracy	0.2°C	
	Resolution	0.1°C	
Other functions	Backlight	√	
	Auto Power-off	√	
	Charging function	√	
	Room temperature display	√	
	Battery detection	√	
	Communication function		
	The mathematical treatment	Data hold, zero,average.	
Safety		EN61010-1:2001	

Insulation	DC500V /50MΩ
EMC	EN61326-1:2006
Authentication	CE
Display	Double display on the LCD screen
Power supply	4×1.5V AAA alkaline battery
Size	205 × 95 × 42 mm
Weight	About 500g
Standard Quantity Per Carton	10pcs
Standard Carton Measurement	395mm*385mm*260mm
Standard Carton Cross Weight	10.4Kg

Packaging and Accessories



Box



Manual



4 * 1.5V Battery



Alligator Clip



Test Leads



Industrial Test Leads



Spare Pipe



Cloth Bag