

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= $\pm$ (% of the set value+ % of range)	0.02%+0.01%
		Resolution	1uV
	DC voltage	Range	-1 ~ 11V
		Accuracy= $\pm$ (% of the set value+ % of range)	0.02%+0.01%
		Resolution	0.1mV
	DC current	Range	0 ~ 22mA
		Accuracy= $\pm$ (% of the set value+ % of range)	0.02%+0.02%
		Resolution	1uA
	Sink current	Range	0 ~ 22mA
		Accuracy $\pm$ (% of the set value+ % of range)	0.02%+0.02%
		Resolution	1uA
		External power supply	5 ~ 28V
	Resistance	Range	0 ~ 40K Ω
		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℃
		Resolution	0.1℃/1℃
	RTD	Range	6types(Pt100/Pt200/Pt500/ Pt1000/Cu10/Cu50)
		Accuracy	0.2℃
		Resolution	0.1℃
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