

Field Process Clamp Meter Kit - PCM800+



(Comprising of STEK LC108 Process Clamp Meter and STEK LC09 mA/Loop Calibrator)

STEK LC108 Milliamp clamp meter measures mA signals for PLC and control system analog I/O, with extension cable for measurements in tight locations

Features

- High accuracy 0.5%
- mA resolution and sensitivity
- 0.18 in or 4.5mm max. diameter of measurable conductor
- Measuring 4 to 20 mA signals without “breaking the loop”
- Measuring mA signals for PLC and control system analog I/O
- Dual backlit display with both mA measurement and percent of 4 to 20 mA span
- Measurement Spotlight illuminates where hard to see wires in dark enclosures
- Detachable clamp with extension cable for measurements in tight locations
- Measuring 10 to 50 mA signals in older control systems by using the 99.9 mA range
- Automatically change 4 to 20 mA output for remote testing
- Power saving features, auto-off, backlight timeout extend battery life



Function Range/ Resolution Accuracy

mA measurement Range	mA measurement Range (0 to 20.99 mA)	mA measurement Range 21 to 100.0 mA)
Measurement Resolution	0.01mA	0.1mA
Measurement Accuracy	0.2% + 5 counts	1% + 5 count

Hold function captures and displays changing measurements

Power: “AA” 1.5V batteries.

Accessories: 2 x 1.5V “AA” batteries, carrying case.

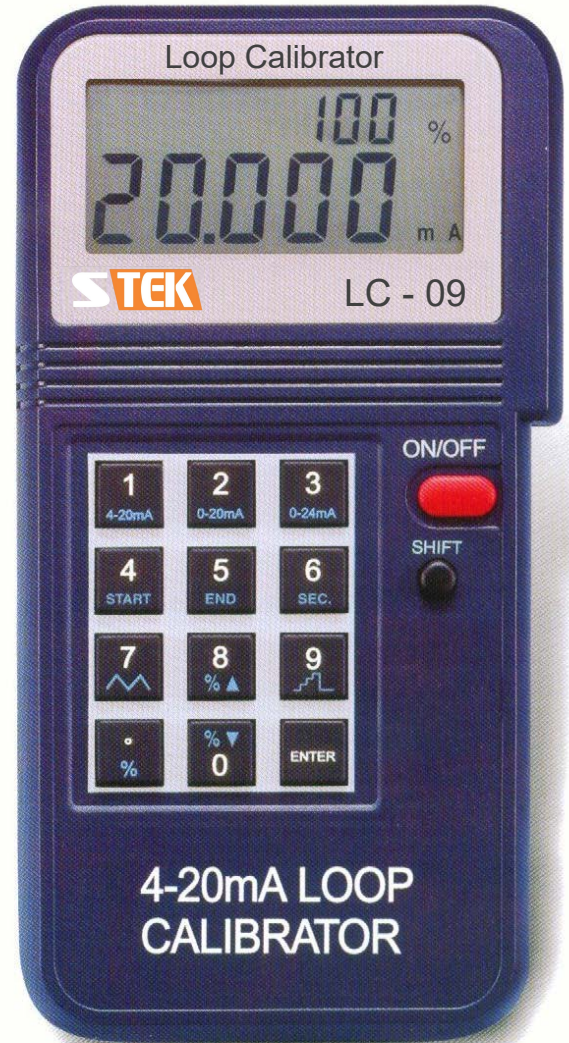
Size(HxWxD)

Weight: 200g



STEK LC- 09 Loop Calibrator

- DC current: 4-20mA (1K Ω load, 24V loop supply)
With 1 μ A resolution
- DC current basic accuracy: 0.025% $\pm$ 5 μ A
- DC voltage: 0-24V output
- DC voltage basic accuracy: 0.05%
- Auto step, Auto ramp and Easy step functions
- 0-20mA, 0-24mA selectable
- 0-100% output, step up and down.
- Beeper warning when output is open
- Easy just-type-in-number operation



mA DC Current Source: (1K Ω Max. Load, 24V Loop Supply)

Range	Resolution	Accuracy
0 – 4mA	1 μ A	$\pm$ 0.025% $\pm$ 10 μ A
4 – 20mA	1 μ A	$\pm$ 0.025% $\pm$ 5 μ A
20 – 24mA	1 μ A	$\pm$ 0.025% $\pm$ 5 μ A

Beeper warning when output is open and specified output > 1mA

V DC Voltage Source

Range	Resolution	Accuracy
0 – 4V	1mV	$\pm$ 0.05% $\pm$ 10mV
4 – 20V	1mV	$\pm$ 0.05% $\pm$ 5 mV
20 – 24V	1mV	$\pm$ 0.05% $\pm$ 5 mV

Beeper warning when output is short and specified output > 100mV

General Specification:

Dimension:	88 x 168 x 26 mm (3.46" x 6.61" x 1.03")
Battery Type:	9V Alkaline Battery
Display	4+ 5 Digits
Power Consumption:	25 mA at 100 _ load
Operating	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;

