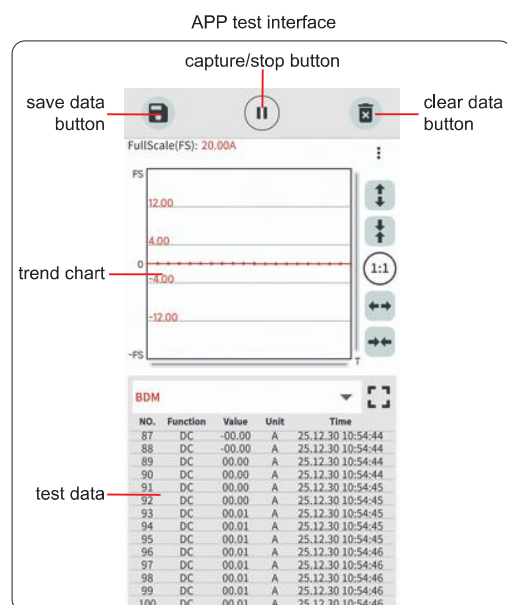


BLUETOOTH OSCILLOSCOPE CLAMP METER CODE 9311-CA110

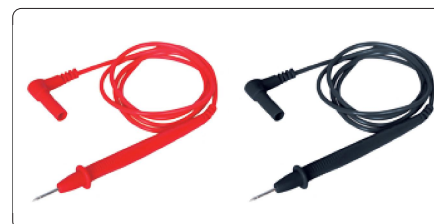
BLUETOOTH

- Built-in bluetooth
- Android app included
- Oscilloscope function
- Inrush current function
- 20000 counts display
- 38mm jaw opening
- NCV detection with light and sound alarm
- True RMS measurement
- Auto ranging
- Low battery indication
- Auto power off
- Safety rating: CAT III 1000V/CAT IV 600V



OSCILLOSCOPE SPECIFICATION

Analogue bandwidth		voltage: 200kHz
		current: 1kHz
Acquisition mode		real-time
Sampling rate		5MSa/s
Input impedance		≥10MΩ
Voltage	maximum input voltage	1000Vpk
	time base scale (s/div)	2.5μs/div~10s/div
	vertical scale (V/div)	30mV/div~500V/div
Current	maximum input current	1000Apk
	time base scale (s/div)	2.5μs/div~10s/div
	vertical scale (A/div)	10A/div~500A/div
Time-base accuracy		±(0.01%+0.1div)
DC gain accuracy		±(5%+0.2div)
Position range		±3div
Measurement parameter		RMS, frequency, maximum, minimum, peak-peak, average
Trigger mode		auto



test leads (included)

STANDARD DELIVERY

Main unit	1 pc
Li-ion battery (18650)	1 pc
Test lead	2 pcs
Power adapter	1 pc

CLAMP METER SPECIFICATION

Function	Range	Resolution	Accuracy
DC current	20A	0.01A	±(2%+10d)
	200A/1000A	0.1A/1A	±(2%+5d)
AC current *	20A	0.01A	±(3%+10d)
	200A/1000A	0.1A/1A	±(2.5%+5d)
Inrush current	20A/200A/1000A	0.01A/0.1A/1A	±(10%+10d)
DC voltage	20mV	0.001mV	±(0.1%+20d)
	200mV	0.01mV	±(0.1%+6d)
	2V/20V/200V	0.0001V/0.001V/0.01V	±(0.1%+5d)
	1000V	0.1V	±(0.15%+5d)
AC voltage *	200mV/2V/20V/200V	0.01mV/0.0001V/0.001V/0.01V	±(0.6%+10d)
	1000V	0.1V	±(0.8%+10d)
Resistance	200Ω	0.01Ω	±(0.8%+10d)
	2kΩ/20kΩ/200kΩ/2MΩ	0.0001kΩ/0.001kΩ/0.01kΩ/0.0001MΩ	±(0.3%+10d)
	20MΩ	0.001MΩ	±(0.5%+5d)
	100MΩ	0.01MΩ	±(5%+10d)
Capacitance	2nF	0.001nF	±(5%+10d)
	20nF/200nF/2μF/20μF/200μF /2000μF/20mF	0.01nF/0.1nF/0.001μF/0.01μF/0.1μF /1μF/0.01mF	±(3%+10d)
Frequency	10Hz~20MHz	0.01Hz~0.001MHz	±(0.1%+5d)
Duty cycle	0.1%~99.9%	0.1%	±(2.5%+10d)
Diode test	0V~3V		
Continuity check	<50Ω		
Power supply	18650 rechargeable lithium battery		
Dimension (L×W×H)	248×94.5×37.8mm		
Net weight	400g		

* AC voltage/current frequency response: 40Hz~1000Hz, true RMS display