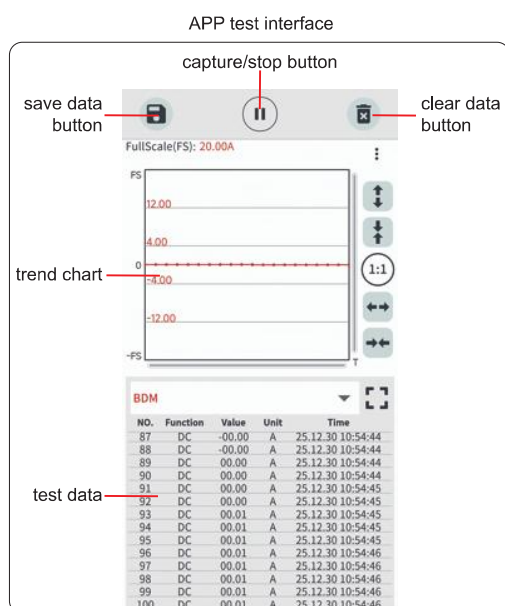


BUILT-IN BLUETOOTH OSCILLOSCOPE CLAMP METER PART No. 9311-CA110

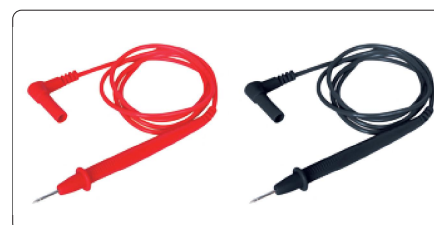
BUILT-IN
BLUETOOTH

- 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	$\pm(2\%+10d)$
	200A/1000A	0.1A/1A	$\pm(2\%+5d)$
AC current *	20A	0.01A	$\pm(3\%+10d)$
	200A/1000A	0.1A/1A	$\pm(2.5\%+5d)$
Inrush current	20A/200A/1000A	0.01A/0.1A/1A	$\pm(10\%+10d)$
DC voltage	20mV	0.001mV	$\pm(0.1\%+20d)$
	200mV	0.01mV	$\pm(0.1\%+6d)$
	2V/20V/200V	0.0001V/0.001V/0.01V	$\pm(0.1\%+5d)$
	1000V	0.1V	$\pm(0.15\%+5d)$
AC voltage *	200mV/2V/20V/200V	0.01mV/0.0001V/0.001V/0.01V	$\pm(0.6\%+10d)$
	1000V	0.1V	$\pm(0.8\%+10d)$
Resistance	200Ω	0.01Ω	$\pm(0.8\%+10d)$
	2kΩ/20kΩ/200kΩ/2MΩ	0.0001kΩ/0.001kΩ/0.01kΩ/0.0001MΩ	$\pm(0.3\%+10d)$
	20MΩ	0.001MΩ	$\pm(0.5\%+5d)$
	100MΩ	0.01MΩ	$\pm(5\%+10d)$
Capacitance	2nF	0.001nF	$\pm(5\%+10d)$
	20nF/200nF/2μF/20μF/200μF/2000μF/20mF	0.01nF/0.1nF/0.001μF/0.01μF/0.1μF/1μF/0.01mF	$\pm(3\%+10d)$
Frequency	10Hz~20MHz	0.01Hz~0.001MHz	$\pm(0.1\%+5d)$
Duty cycle	0.1%~99.9%	0.1%	$\pm(2.5\%+10d)$
Diode test	0V~3V		
Continuity check	<50Ω		
Power supply	18650 rechargeable li-ion battery		
Dimension (L×W×H)	9.76×3.72×1.49"		
Net weight	.88lb		

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