

- ❖ 5 inch touch colorful screen, easy to operate
- ❖ Large capacity lithium battery, USB interface
- ❖ High accuracy measurement:  
Current $\pm 0.3\%$ , Voltage $\pm 0.3\%$ , Phase $\pm 0.3^\circ$
- ❖ Harmonic test function
- ❖ 3-phase 4-wire /3-phase 3-wire measurement mode



### Product Function

Simultaneously measurement the voltage amplitude, current amplitude, voltage phase, current phase, the phase between voltage and current, frequency, power, active power, reactive power, harmonic etc.. Display the vector diagram of the three-phase voltage and three-phase current in real time. The meter can judge the three-phase phase sequence, sensibility and capacitance circuit, test the secondary circuit, check whether the wiring of the watt-hour meter is correct or not, overhaul the line equipment and so on.

### Product features

1. Different kinds of measurement modes, single-phase, two-phase and three-phase measurement mode; Three-phase 4-wire and three-phase 3-wire system measurement mode.
2. The measuring personnel only need the wiring operation, the instrument automatic measurement, and real-time update data, which is convenient the field analysis; The instrument adopts complete isolation technology to avoid safety accidents.
3. Touch colorful screen, easy and convenient operation, large capacity lithium battery, USB interface, data upload function and so on.
4. The meter has Bluetooth communication, which can test or view the test record on the mobile.

### Range & Accuracy (Base condition)

Measurement Type	Measurement Range	Accuracy	Resolution
Voltage	2V~700V	$\pm 0.3\%Fs$	0.0001v
Current	0.001A~20A	$\pm(0.3\%Fs+0.2\%rdg)$	0.0001A
Phase	$0^\circ\sim 360^\circ$	$\pm 1^\circ$	$0.1^\circ$
Frequency	45Hz~65Hz	$\pm 0.03Hz$	0.0001Hz
Harmonic	2~21 orders	-	-
Active Power	0.002W~14000W	$\pm 0.3\%Fs$	0.0001W
Reactive Power	0.002VAR~14000VAR	$\pm 0.3\%Fs$	0.0001VAR
Apparent Power	0.002VA~14000VA	$\pm 0.3\%Fs$	0.0001VA

### Technical Specification

Power Supply	DC7.4V, 5200mAH rechargeable lithium battery
Function Option	Touch screen option
Display Mode	5 inch touch colorful screen
LCD Size	108X65mm
Host Meter Size	210mmX129mmX68mm
Weight	Total weight: 4.13Kg(include accessories)
Clamp Current Sensor	Clamp jaw size $\phi 8mm(3pcs)$
Data Storage	1000 groups
Data Upload	USB interface, tester record data can be uploaded to computer, and can export the EXCEL format
Battery Voltage	Battery power indicator display, battery voltage lower than 10% remind to charge in time
Automatic Shutdown	Automatic shutdown after starting up 15 minutes without any operation. Before shutdown will reminder
Working Time	Continue working time is 12 hours when full charge
Power Consumption	Working(backlight 50mA): 320mA
Working Condition	Temperature: $-20^\circ C\sim 50^\circ C$ ; Relative humidity: 0~95%RH without condensation
Accessories	Host meter: 1PCS; Clamp current sensor: 3PCS; Test lines: 4PCS; Charger: 1PCS; USB communication cable: 1PCS; Meter case :1PC;