



Product Function

When the tested circuit is not open, simultaneously measure the three-phase of AC voltages, currents, phases between voltages, phases between currents, phases between voltages and currents, frequency, phase sequence, active power, reactive power, apparent power, power factor and vector sum.

Product Features

1. Intelligent design, reduce the complexity of operation, reduce the possibility of misoperation, with high precision, high stability, low power consumption, easy to use and other advantages.
2. The meter provide large caliber clamp current sensor, suitable for thick wire conductor and large current test sit, Max current range up to 600A.
3. Adopt with voltage transformer and clamp current sensor to input, without high voltage inside the meter, complete isolation between 3 input channels, safe and reliable.
4. Equip with USB interface, Data storage up to 1200 groups, upload the storage data to computer via the system software , convenient to read, save, report, print historical data, etc.

Technical Specification

Range, Resolution, Error (reference conditions)	Voltage Range: AC 0.00V~600V	Resolution: AC 0.01V	Error: $\pm(0.5\% \text{ range})$
	Current Range: AC 0mA~600A	Resolution: AC 1mA	Resolution: AC 1mA
	Phase Range: $0.0^{\circ}\sim 360.0^{\circ}$	Resolution: 0.1°	Error: $\pm 1^{\circ}$
	Frequency Range: 45.00Hz~65.00Hz	Resolution: 0.01Hz	Error: $\pm(1.0\% \text{ range})$
	Active power Range: 0.0W~360kW	Resolution: 0.1W	Error: $\pm(1.0\% \text{ range})$
	Reactive power Range: 0.0var~360kvar	Resolution: 0.1var	Error: $\pm(1.0\% \text{ range})$
	Apparent power Range: 0.0VA~360kVA	Resolution: 0.1VA	Error: $\pm(1.0\% \text{ range})$
	Power factor Range: -1.000~+1.000	Resolution: 0.001	Error: ± 0.03
	Current vector vector sum range: 0.0A~1800A	Resolution: 0.1A	
Power Supply	DC9V Alkaline battery (LR6 1.5V X6PCS)		
Display Mode	2.8 inch TFT color LCD screen; Display area: 58mmX44mm		
CT Size	35mmX40mm		
Instrument Weight	About 2.5kg (include accessories)		
Meter Dimension	196mmX92mmX54mm		
Detection Rate	About 2second/times		
Data Storage	500 groups		
Data Hold	In testing, press HOLD key to hold the data, " HD " symbol display		
Phase Sequence	Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left		
Communication Interface	USB interface, store data can be upload to computer, convenient to analyze management data		
Cable Length	Test LINE length: 1.5m; Clamp current sensor length: 2m		
Automatic Shutdown	Automatic shutdown after starting up 15 minutes without any operation		
Voltage Detection	When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery		
Input Impedance	Test voltage input impedance: $1M\Omega$		
Working Current	Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA		
Accessories	Host meter: 1PCS; Clamp current sensor: 3PCS; Test line: 4PCS; USB data cable: 1PCS; Meter case: 1PCS		