







Product Function

When the tested circuit is not open, simultaneously measure the 2 channel of AC voltages, currents, phases between voltages, phases between currents, phases between voltages and currents, frequency, phase sequence, active power, reactive power, apparent power, and power factor, identify the transformer wiring group, inductive and capacitive circuits, and test the secondary circuit and bus differential protection system, read the phase relationship between each group CT of differential protection, check whether the wiring of the watt-hour meter is correct, and repair the line equipment etc.

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. Adopt with voltage transformer and clamp current sensor to input, without high voltage inside the meter, complete isolation between 2 input channels, safe and reliable.
- 3. Small sharp clamp type is suitable for flat cable dense site.
- 4. The test wire is special electric power cable, all the spring plug and alligator clip have insulated protection. The meter equip with insulated non-slip
- 5. 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

| Test Accuracy (Under reference conditions) | Voltage range: AC 0.00V~600V | Resolution: AC 0.01V | Error: ±(0.5% range) |
|---|--|----------------------|----------------------|
| | Current range: AC 0.0mA~20.0A | Resolution: AC 0.1mA | Error:±(0.5% range) |
| | Phase range: 0.0°~360.0° | Resolution: 0.1° | Error: ±1° |
| | Frequency range: 45.00Hz~65.00Hz | Resolution: 0.01Hz | Error: ±(1.0% range) |
| | Active power range:0.0W~12kW | Resolution: 0.1W | Error: ±(1.0% range) |
| | Reactive power range:0.0var~12kvar | Resolution:0.1var | Error: ±(1.0% range) |
| | Apparent power range: 0.0VA~12kVA | Resolution:0.1VA | Error: ±(1.0% range) |
| | Power factor range: -1.000~+1.000 | Resolution: 0.001 | Error: ±0.03 |
| Power Supply | DC9V Alkaline dry cell battery LR6 1.5V X6PCS | | |
| Detection Rate | About 2s/times | | |
| CT Size | Ф8тт | | |
| Meter Dimension | 196mmX92mmX54mm | | |
| Instrument Weight | About 2.23kg(include accessories) | | |
| Display Mode | 2.8-inch TFT colorful LCD screen, display area: 58mmX44mm | | |
| Data Storage | 1200 groups | | |
| Data Hold | During testing, press HOLD key to hold the data, "HD" symbol display | | |
| Communication Interface | USB interface, storage data upload to computer, convenient to analyze management data | | |
| 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: 2PCS; Test line: 4PCS; USB data cable: 1PCS; Meter case: 1PCS; LR6 battery: 6PCS | | |

