

ES1001 Wireless High Voltage Clamp Ammeter



I . Characteristic

ES1001 wireless high-voltage clamp ammeter is a high-voltage measurement tool, which is composed of a special clamp ammeter and a high-voltage insulating rod. The clamp-type ammeter uses a mask integrated circuit inside, and is connected to an insulating rod for current measurement of lines with insulating sheaths below 60kV or high-voltage lines with bare wires of 35kV. When the insulating rod is not used, it can also be used as a high-precision low-voltage clamp-type ammeter and a leakage current meter, which can accurately distinguish the current or leakage current of 0.1mA.

It is easy to use and easy to carry. Equipped with an insulating rod, easy to carry and use. It transmits test data wirelessly and is equipped with a wireless receiver, which can receive the measured data within 30 meters in a straight line, ensuring high precision, high reliability and high stability of uninterrupted testing all year round.

The high and low voltage clamp ammeter also has the functions of peak hold, data hold, data storage, wireless transmission and so on. It is used in substations, power plants, industrial and mining enterprises, testing stations, electrical maintenance departments for current detection and field electrical work. The insulating rod has the characteristics of light weight, moisture resistance, high temperature resistance, impact resistance, bending resistance and high insulation.

II . Technical Specification

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| Range | 0.0mA-1200A (50/60Hz automatic) |
| Resolution | 0.1mA |
| Jaw size | φ50mm |
| Test accuracy | ±2%±5dgt |
| Sample rate | 2 times/sec |
| Wireless distance | 30m |
| Features | High and low voltage current test |
| Power supply | Host: DC6V AA alkaline battery (1.5V AAA×4); Receiver: DC7.5V AA alkaline battery (1.5V LR6×5) |
| Test method | Clamp CT |
| Dimensions | Host size: width, thickness and height 87*37*262mm Receiver size: width, thickness and height 100*35*204mm |

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|----------------------------------|---|
| LCD size | Receiver LCD display size: 62mm×44mm |
| The total mass of the instrument | 7Kg (including insulating rod and battery) |
| Overflow display | Overrange overflow function: "OL" symbol display |
| Data storage | 200 groups |
| Data full | Data full function: "FULL" symbol display |
| Battery voltage | Detector: When the battery voltage drops to 5.2V, the low battery indicator lights up to remind you to replace the battery. Receiver: When the battery voltage drops to 5.2V, the battery voltage low symbol is displayed |
| Insulated rod | Five insulating rods (5 meters) |
| Dielectric strength | AC 60kV/rms |
| Line test | Line voltage below 60kV with insulated sheathed wire test, below 35kV bare wire test (with insulation rod operation) |
| Operating temperature | -10℃ ~ 40℃ |
| Storage temperature | -10℃ ~ 60℃ |
| Relative humidity | 0℃ ~ 31℃ ≦ 75%, 31℃ ~ 40℃ ≦ 50% |
| Suitable for safety regulations | IEC1010-1, IEC1010-2-032, pollution degree 2, CAT III (600V) IEC61326 (EMC standard) |

III. Packing List

| | |
|--------------------|---|
| Detector | 1 set |
| Wireless receiver | 1 set |
| Insulated rod | 1 set (5 meters) |
| Instrument package | 1 |
| Detector battery | DC6V AA alkaline battery (1.5V AAA×4) |
| Receiver battery | DC7.5V AA alkaline battery (1.5V LR6×5) |
| Manual, Warranty | 1 set |

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