

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

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

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