

ES1001 Wireless H/L Voltage Clamp Ammeter



I. Product Introduction

FR1001 high-low voltage ampere meter is a high-pressure measurement tool. It is composed of a special clamp ammeter with high voltage insulation rod. Inside the clamp ammeter, a mask integrated circuit is used, and an insulating rod is used to measure the current of a high voltage line with insulation sheath below 60 kV or bare wire below 35 kV . When not using the insulation rod, it can also be used as a high-precision low-voltage clamp ammeter, leakage current meter, can accurately split out the current or leakage current of 0.1mA.

It is easy to use and carry. Equipped with telescopic insulation rod, it is easy to carry and use. It wireless transmission test data, equipped with a wireless receiver, can receive measured data within 30 meters of a straight line, to ensure high-precision, high-reliability, and high-stability for years of uninterrupted testing.

High-voltage clamp current meter also has a peak hold, data retention, data storage, wireless transmission data and other functions, its special clamp ammeter by pushing or pulling back the insulation rod can easily clamp or split off the measured wire, save time and fast. It can be widely used in substations, power plants, industrial and mining enterprises and testing stations, electrical maintenance departments for current detection and field electrical work. Insulation rods are lightweight, moisture-proof, high-temperature resistant, shock-resistant, anti-bending, high insulation and retractable

II. Technical Specification

Range	0.0mA~1200A (50/60Hz Auto)
Resolution	0.1mA
Clamp Diameter	Φ50mm
Accuracy	±2%±5dgt
Sampling Speed	About 2 times/second
Wireless Distance	30m
Function	High-low voltage current measurement
Power Supply	Hosts :DC6V Alkaline Dry Battery (1.5V AAA X 4); Receiver:DC7.5V Alkaline Dry Battery(1.5V LR6x5)
Test Method	Clamp CT,
Meter Dimension	Hosts :W/T/H: 87mm×37mm×262mm ; Receiver :W/T/H :100mm×35mm×204mm
LCD Dimension	Receiver LCD display: 62mm×44mm
Total Weight	2.9Kg (including insulation rod and battery.)

Overflow Display	Exceed measurement range overflow function: "OL" symbol display
Data Storage	200 Groups
Data Storage Full	the symbol "FULL" mark will flash to indicate the memory has been full.
Battery Voltage	Detector: when the battery voltage is below 5.2V, the symbol of low power will show to remind to replace battery. Receiver: when the battery voltage is below 5.2V, the symbol of low power will show
Insulated Rod	5 section insulated rod (total 5m)
Insulation Intension	AC 60KV/rms
Circuit Test	Insulation sheath wire test below 60kV line voltage, bare wire test under 35kV (with insulation rod operation)
Work Temperature	-10℃~40℃
Storage Temperature	-10℃~60℃;
Humidity	0℃~31℃≤75%, 31℃~40℃≤50%
Suitable for Safety Regulations	EC1010-1, I1010-2-032, Pollution Level 2, CATIII(600V) IEC61326 (EMC Standard)

III、Accessories

Detector	1PC
Wireless receiver	1PC
Insulation rob	1SET(total 5m)
Instrument bag	1PC
Detector battery	DC6V 7# alkaline battery (1.5V AAA×4)
Receiver battery	DC7.5V 5# alkaline battery (1.5V AAA×5)
Manual, certificate	1SET



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