

## GF2011

### WIRELESS HIGH VOLTAGE CLAMP CURRENT METER WITH INSULATION ROD

GF2011 High voltage portable clamp current meter specially designed and manufactured for High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement. It consists of special high voltage detector, wireless receiver and high voltage insulation rod, portable box.

Apply to power plant, substation, industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working for power live line measurement.

### Application

1. Power plant;
2. Power engineering company;
3. Distribution power corporation;
4. Electrical Department of property company;
5. Electricity power bureau & power company;
6. Electric power maintenance engineering company;
7. Electrical Department of industrial and mining enterprises;
8. Anti theft Inspection Department of electricity power company;

### Features

1. Easy to install and remove with power on;
2. Clamp jaw 50mm, suite for less than 69KV power line;
3. Can accurately measure 0.00mA-1200A current or leakage current;
4. Adopt latest CT technology and integrated mask digital technology;
5. Have peak value maintaining, data maintaining, data memory function;
6. Wireless transmission distance 30m, can transmit through building barriers;
7. Integrated design ensures uninterrupted year-round high precision, high reliability and high stability test;
8. Insulation rod has the characteristics of moisture resistance, high temperature resistance, impact resistance, bending resistance, high insulation and scalability;
9. Testing high and low voltage changing ratio, respectively test the first loop and secondary loop high and low voltage current, and then obtain the voltage change through manually calculation;



## Parameters

Electrical parameters	
Power supply	Ammeter: DC6V Alkaline Dry Battery (1.5V AAA X 4), Receiver: DC7.5V Alkaline Dry Battery (1.5V AA X 5), working 10 hours
Test mode	Clamp CT, integral approach
Transmission mode	Wireless transmission, the maximum distance of straight line transmission is about 30m
Display mode	4 bit LCD display, with backlight function
Sampling rate	2 times/second
Measurement scope	0.00mA-1200A (50/60Hz automatic)
Resolution	0.01mA
Shift	0.00mA-1200A automatic shift
Accuracy (23°C±5°C, below 70%RH)	0.000mA-120.00A: ±1%±3dgt 120.00A-1200.0A: ±1%±5dgt
Line voltage	Below 69KV line test (with 5 insulation rods operation)
Data memory	99 sets
Automatic shutdown	15 minutes after boot
Battery voltage	<4.8V alarm active
Insulation strength	AC 100kV/rms (between the 5 <sup>th</sup> insulation rod and high voltage Ammeter core)
Structure	Anti-drip type II
Safety provisions	IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III (600V) IEC61326(EMC standard)
Mechanical parameters	
LCD dimensions (mm)	47×28.5
Meter dimension (LxWxH) (mm)	87×262×37
Meter weight	2.5kg (including insulation rod and battery, tester 335g)
Clamp dimension (mm)	Φ50
Insulation rod dimension	Φ50mm, 1m/piece (5m) optional
Environmental conditions	
Working temperature	-25°C to 40°C
Working humidity	Below 80%Rh
Storage temperature	-10°C to 60°C
Storage humidity	Below 70%Rh

Accessories	
Ammeter	1 pc
Receiver	1 pc
Ammeter box	1 pc
Telescopic insulation rod (5m)	1 pc
Battery	Rechargeable Alkaline Dry Battery(AA X 5+AAA X 4)
Model	Description
GF2011	Wireless
GF2011B	Base Display

## Accessories

