

Product Function

On-line AC current measurement below 110kV (above 600V operate with insulated rod).

Product Features

1. Unique U-type opening structure realizes the unimpeded measurement, and it is very convenient for field test.
2. Suitable for Large current measurement, range: 0.00A~9999A
3. Wireless transmission, the transmission distance is 100m.
4. Data hold function, data storage function.



Technical Specification

Function	High voltage AC current measurement, low voltage AC current and online AC current monitoring
Power Supply	6V DC (1.5V AAAX4 alkaline dry batteries)
Test Mode	Non-contact U-type CT
Transmission Mode	433MHz wireless transmission, transmission distance is about 100 meters
Display Mode	4-digit LCD display, backlight function, suitable for measurement in dark place
LCD size	47mmX28.5mm
Meter Dimension	Detector: 107mmX252mmX31mm; Receiver: 78mmX165mmX42mm
CT Size	φ68mm
Insulation Rod Dimension	4300mm
Sampling Rate	2 times / second
Measurement Range	0.00A~9999A (50/60Hz automatic)
Resolution	0.01A
Shift	0.00A~9999A automatic shift
Test Accuracy	±2%rdg±5dgt (The wire is near the center of the bottom end of the U-type clamp, 23°C±2°C)
Position Error	The measured conductor should be located as close as possible to the center of the bottom end of the U-type clamp.
Data Storage	99 groups, in storage process "MEM" symbol display, "FULL" symbol flash display indicate storage is full
Line Voltage	Below 110kV, operated with insulation rod (customized test below 500kV)
Data Hold	In general test mode, press HOLD key to hold data, "HOLD" symbol display. press HOLD Key once again to cancel this function
Data Access	"MR" symbol display, it can look over all the stored data
Overflow Display	Exceed measurement range overflow function: "OL A" symbol display
No Signal Indication	When the receiver has not received transmit signal, dynamic display "no- -"symbol
Automatic Shutdown	15 minutes after boot up, the meter shuts down automatically without any operation, to reduce battery consumption
Battery Voltage	When battery voltage is lower than 4.8V±0.2V, low battery voltage symbol "E+B" will display and remind to replace battery.
Weight	Detector: 515g (with Battery), Meter total Weight: 4.23kg (including insulation rod and battery)
Working Temperature	-10°C~40°C; Below 80%RH
Interference	Should try to avoid 315MHz, 433MHz same-frequency signal interference
Insulation Strength	AC 220kV/rms (The telescopic insulation rod is fully opened between the two ends)
Accessories	Clamp meter: 1PCS; Receiver: 1PCS; Telescopic insulating rod: 1PCS; Cloth bag: 1PCS; LR03 Alkaline dry battery: 8PCS