ETCR9100B Wireless H/L Voltage Clamp Current Meter

Product Function

Measurement of high voltage AC current, leakage current (below 60kV, with insulation rods operation); Zinc oxide arrester fault online judgment; indirect test of current transforming ratio.

Product features

1. Current clamp apply the latest CT technology and magnetic shielding technology, almost free of the influence of external magnetic field, ensuring continuous monitoring of year-round high accuracy.
2. The special clamp ammeter can facilitate clamp to exit the tested lead by pressing or pulling back insulation bar, which is time efficient and convenient.
3. Wireless transmission can receive the measured data by penetrating storey building barriers or 30 meters.
4. Peak hold, data hold and data memory function.

Technical Specification

Model	**ETCR9100B Wireless H/L Voltage Clamp Current Meter**
Range	0.00mA～600A (50/60Hz automatic)
Resolution	0.01mA
Current Accuracy (23℃±3℃, below 80%RH)	AC 0.00mA～100A ±1%±5dgt
	AC 101A～600A ±2%±5dgt
Power Supply	6V DC(LR03×4 alkaline dry batteries)
Weight	Detector: 570g (with battery), the total weight of meter: 3670g (including insulation rod and battery)
Dimension	Tester:68mm×245mm×40mm; receiver: 75mm×170mm×30mm
Clamp Dimension	Φ33mm
Insulation Rod Dimension	Φ32mm 1m×5 piece
LCD Dimension	47mm×28.5mm
Sampling Rate	2 times/s
Transmission Mode	Wireless transmission, the maximum distance of straight line transmission is about 30m
PEAK Hold	Automatically maintain the high test value, in usual testing mode, press key **HOLD** till the lighting of PEAK, that is, start PEAK to maintain this function
Data Hold	In usual testing mode, press **HOLD** key to keep data, shown by "**HOLD**"
Data Memory	99 sets, memory process is shown by **MEM** , full storage is shown by blinking "**FULL**"
Data Access	"**MR**" indication, can access to all data
Overflow Display	Over-range overflow function: shown in "**OL A**"
No Signal Indication	"**no- -**" is shown when receiver does not receive the dynamic display of signal transmission
Automatic Shutdown	15 minutes after boot
Battery Voltage	When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
External disturbance	Without 315MHz and 433 MHz interference
Insulation Strength	AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
Line Voltage	Below 60kV(bare wire below 35kV) (operated with 5 insulation rods)
Shift	0.00mA～600A automatic shift
Accessories	Meter: 1 piece; receiver: 1 piece; insulation rod (1000mm): 5 pieces; meter box: 1 piece

ETCR®
www.etcr.cc