



ETCR9100B

H/L Voltage Clamp Meter

Product Function

- Measurement of high voltage AC current, low voltage AC current, current measurement (with insulation rods operation)
- 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
- 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
- Data memory and peak hold function
- **Wireless transmission**



Technical Specification

Specifications	Measurement Scope	0.00mA~600A (50/60Hz automatic)
	Resolution	0.01mA
	Shift	0.00mA~600A automatic shift
	Accuracy (23°C±5°C, below 70%RH)	0.0mA~100.0A: ±1%±5dgt 100.0A~600.0A: ±2%±5dgt
	Clamp Dimension	Φ33mm
	Sampling Rate	2 times/second
	Line Voltage	Below 60KV line test (with 5 insulation rods operation)
	Transmission Mode	Wireless transmission, the maximum distance of straight line transmission is about 30m
	Data Memory	99 sets, memory process is shown by MEM , full storage is shown by blinking "FULL"
	PEAK value maintaining	Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK, start PEAK to maintain this function.
	Data Hold	In usual testing mode, press HOLD key to keep data, shown by "HOLD"
	Data Access	"MR" indication, can access to all data
	Overflow Display	Over-range overflow function: shown in "OL A"
	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
	Display Mode	4 bit LCD display, with backlight function
	LCD Dimension	47mm×28.5mm
	Power Supply	DC6V alkaline dry battery(1.5V AAA×4)
	Working Temperature and Humidity	-25°C~40°C; below 80%Rh
Storage Temperature and Humidity	-10°C~60°C; below 70%Rh	
Insulation Rod Dimension	φ32mm, 1m/piece (5pieces)	
Insulation Strength	AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)	
Structure	Anti-drip type II	
Safety Provisions	IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III (600V), IEC61326(EMC standard)	
Meter Dimension	68mm(W)*245mm(H)*40mm(D)	
Meter Weight	Detector: 335g (with battery), the total mass of meter: 2.5kg (including insulation rod and battery)	