

## ETCR9100 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



### Technical Specification

Specifications		
Measurement Scope	0.00mA~600A (50/60Hz automatic)	
Resolution	0.01mA	
Shift	0.00mA~600A automatic shift	
Accuracy	0.0mA~100.0A: $\pm 1\% \pm 5 \text{dgt}$	
(23°C $\pm 5^\circ\text{C}$ , below 70%RH)	100.0A~600.0A: $\pm 2\% \pm 5 \text{dgt}$	
Clamp Dimension	$\Phi 33 \text{mm}$	
Sampling Rate	2 times/second	
Line Voltage	Below 60KV line test (with 5 insulation rods operation)	
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 $\times$ 28.5mm	
Power Supply	DC6V alkaline dry battery(1.5V AAA $\times$ 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	$\phi 32 \text{mm}$ , 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) $\times$ 245mm(H) $\times$ 40mm(D)	
Meter Weight	Detector: 335g (with battery), the total mass of meter: 2.5kg (including insulation rod and battery)	