

# ETCR<sup>®</sup> ETCR7100/ ETCR7100A Super Large Clamp Leakage Current Meter

## Product Function

Measurement of AC leakage current, large current.

## Product features

1. Super large caliber 108mm×148mm, can clamp  $\phi$ 108mm cable or 160mm×4mm flat cable or steel flat ground cable.
2. Adopts magnetic shielding technology, almost unaffected by the external magnetic field, strong anti-interference ability, ensure high accuracy, high stability and high reliability of measurement.
3. Data storage function and peak hold function.
4. USB interface, upload the storage data to the computer through the system software, convenient to reading, saving, printing and so on.



## Technical Specification

Model	ETCR7100	ETCR7100A
Current Range	AC 0.0mA~3200A	AC 0.0A~4000A
Max Resolution	AC 0.1mA	AC 0.1A
Current Accuracy(23℃ ±3℃, below 70%RH, measured wire at the center of the clamp)	AC 0.0mA~499A    ±2%rdg±5dgt	
	AC 500A~999A    ±3%rdg±5dgt	
	AC 1000A~2999A   ±4%rdg±5dgt	
	AC 3000A~4000A   ±5%rdg±5dgt	
Power Supply	DC6V    alkaline dry batteries (LR6 1.5VX4PCS)	
Weight	1920g (include battery)	
Meter Dimension	350mmX180mmX55mm	
CT Size	108mmX148mm (can clamp $\phi$ 108mm cable or 160mmX4mm flat cable or steel flat ground cable)	
Sampling Rate	2 times/second	
Frequency	50Hz, 60Hz automatic identification	
Communication Interface	With USB interface, storage data can be uploaded to computer, convenient to data analyze, communication cable length: 1.8m	
Data storage	99units, flash display "FULL" symbol indicate storage full	
Data Hold	Data hold function: "HOLD" symbol display	
Overflow Display	Exceed measure range overflow function: "OL" symbol display	
PEAK Hold	Press <b>PEAK</b> key to open the peak hold function, press <b>PEAK</b> key once again to cancel this function	
Auto Shut Down	5 minutes after power on, it will power off automatically without any operation to reduce the power consumption.	
Battery Voltage	While battery voltage is lower than 5.2V. low battery voltage symbol display, remind to replace the battery	
Backlight	Yes	
Line Voltage	Below AC 600V circuit measurement	
Accessories	Meter: 1PCS; USB communication cable: 1PCS; Meter Case: 1PCS; LR6    battery: 4PCS	