



## ETCR7100D Large Caliber Leakage Clamp Meter

### Product Function

- Measurement of AC DC Current
- Large caliber 108mm\*148mm can clamp electric cable of 108mm diameter
- Data memory and peak hold function
- RS232 interface for saving



### Technical Specification

Specifications	Function	Measure AC/DC current, Current peak value holding, Online current supervision
	Measurement Range	DC:0.0A~2000A, AC:0.0A~1000A
	Resolution	0.1AAC/DC
	Measurement Accuracy (Reference condition )	0.0mA~999A ±2%±5dgt 1000A~1499A ±3%±5dgt 1500A~2000A ±4%±5dgt
	Clamp Size	108mm*148mm (can clamp electric cable of 108mm diameter, or 160mm*4mm flat cable and steel earth wires)
	Sample Rate	About 2 seconds per time
	Measured Wire Position	Measured wire at approximately the geometric center of the clamp
	Polarity Indication	Automatic recognize in AC test model ,display “-”
	Gear Shift	Automatic shift
	Line Voltage	Below 600V Line Measure
	Software	Available, The stored data in instrument would upload to computer via software.
	USB interface	1.5m line With USB interface ,upload data to computer ,software supervision.
	Data Storage	99 sets, “FULL” symbol indicate the memory is full
	Peak Holding	Measure and Maintain the peak value, Press HOLD and not let it go would show the peak value in test model .
	Data Hold	“HOLD” symbol appears
	Overflow	“OL” symbol appears
	Automatic Shutdown	Automatically shutdown about 5 minutes after power on to reduce battery consumption
	Voltage Detection	Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 4.6V.
	Frequency Response	AC:45Hz~400Hz
	Reference Power	About 17mW
Power Supply	6V DC(LR6×4 alkaline dry batteries)	
Reference Condition	23°C±3°C, below 75%RH, measured wire at the center of the clamp	
Working Temperature and Humidity	-10°C ~ 40°C; 80%rh	
Storage Temperature and Humidity	-10°C ~ 60°C; below 70%rh	
Insulation strength	AC 3700kV/rms(between core and shell)	
Safety Specifications	IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III 600V	
Display	4 digitals LCD display,47mm*28.5mm	
Dimension	L*W*H:350*180*55(mm)	
Weight of Meter	1.5kg (with batteries)	
Weight of Package	2.6kg (with accessories)	