



## ETCR7000A/ ETCR7000B Large Caliber Leakage Clamp Meter

### Product Function

- Measurement of AC Leakage Current, Current, Three Phase AC Voltage
- Large caliber 80mm\*80mm can clamp electric cable of 80mm diameter or 96mm\*4mm flat cable and steel earth wires
- Full automatically and simultaneously measure one leakage current and three voltages
- Adopt the latest magnetic shielding techniques can almost shield the influence from external magnetic field
- Data memory and peak hold function
- RS232 interface for saving



### Technical Specification

Specifications	ETCR7000A	ETCR7000B
Model	ETCR7000A	ETCR7000B
Current Range	0.00mA~2000A	0.0A~2500A
Current Resolution	0.01mA	0.1A
Current Accuracy (23°C±3°C, below 70%RH, measured wire at the center of the clamp)	0.00mA~300A:±1.5%±3dgt 300A~1200A:±2%±3dgt 1200A~2000A:±3%±3dgt 2000A~2500A:±4%±3dgt	
Voltage Range	0.00V~600V: ±1.5%±3dgt	
Voltage Resolution	0.01V	
Function	Measure AC leakage current, current, three-phase, voltage	
Clamp Size	80mm*80mm(can clamp electric cable of 80mm diameter, or 96mm*4mm flat cable and steel earth wires)	
Sample Rate	About 2 times/second	
Data Storage	200 sets, "FULL" symbol indicate the memory is full	
Data Hold	"HOLD" symbol appears	
Overflow	"OL" symbol appears	
Automatic Shutdown	Automatically shutdown about 15 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 5.2V.	
Backlight	Controlled by LIGHT key	
Line Voltage	Below AC 600V line measurement	
Communication Wire	RS232 communication wire, 1.8m	
Display Mode	LCD: 128dots*64dots; Display area: 43mm*29mm	
RS232 Interface	With RS232 interface, download data to computer for analysis and management	
Frequency	50Hz ,60Hz automatic identification	
Power Supply	6V DC(LR6*4 alkaline dry batteries, continuously working for 12 hours)	
Working Current	50mA with enabled backlight; 25mA with disabled backlight	
Meter Dimensions	275mm(D)*145mm(W)*40mm(H)	
Weight	1kg(with batteries and accessories)	
Working Temperature and Humidity	-10°C~40°C; 80%rh	
Storage Temperature and Humidity	-10°C~60°C; below 70%rh	
Insulation strength	AC 2kV/rms(between core and shell)	
Safety Specifications	IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III (600V)	