

# ETCR<sup>®</sup> ETCR7350/7350B Rogowski Coil/Flexible Coil Clamp Power Meter





## Product Function

Measure three-phase AC voltage, current, active power, reactive power, apparent power, total power, the phase between current and voltage, the phase between phase voltage, frequency, electric energy, phase sequence, etc.

## Product features

1. Adopt rogowski coil/ flexible coil, small volume and light weight, especially convenient for field measurement.
2. Coil size:  $\Phi$  200mm, can be customized size according to user requirements.
3. Multiple parameters are displayed on the same screen, easy to operate.
4. With USB interface, upload the storage data to the computer through the system software, convenient to reading, saving, printing and so on.

## Technical Specification

Model	ETCR7350	ETCR7350B
Clamp Size	$\Phi$ 200mm	$\Phi$ 300mm
Weight	266g (include battery)	286g (include battery)
Meter Size	200mmX370mmX35mm	300mmX470mmX35mm
Current Measurement	Range: AC 0.0A~6000A Accuracy: $\pm 0.5\%F_s$ Resolution 0.1A	
Voltage Measurement	Range: AC 0.01V~600V Accuracy: $\pm 0.5\%F_s$ Resolution: 0.01V	
Active Power Measurement	Range: 0.00W~3600kW Accuracy: $\pm 1\%F_s$ Resolution: 0.01W	
Apparent Power Measurement	Range: 0.00VA~3600kVA Accuracy: $\pm 1\%F_s$ Resolution: 0.01VA	
Reactive Power Measurement	Range: 0.00var~3600kvar Accuracy: $\pm 1\%F_s$ Resolution: 0.01var	
Power Factor Measurement	Range: 0.300~1.000 Accuracy: $\pm 1\%F_s$ Resolution: 0.001	
Electric Energy Measurement	Range: 0.00Wh~360000kWh Accuracy: $\pm 1\%F_s$ Resolution: 0.01Wh	
Frequency Measurement	Range: 25.0Hz~600.0Hz Accuracy: $\pm 0.5Hz$ Resolution: 0.1Hz	
Phase Measurement	Range: 0.0°~360.0° Accuracy: $\pm 0.5^\circ$ Resolution: 0.1°	
Power Supply	6V DC alkaline dry battery (LR03 1.5VX4PCS)	
Working Current	Backlight open 80mA; Backlight close 50mA	
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	200 groups , flash display "FULL" symbol indicate storage full	
Data Hold	Data hold function: "HOLD" symbol display	
Overflow Display	Over range overflow function: "OL" symbol display	
Auto Shut Down	15 minutes after power on, it will shut down automatically without any operation to reduce the power consumption.	
Battery Voltage	While battery voltage is lower than 4.8V. low battery voltage symbol "  " display, remind to replace the battery	
Backlight	Yes, Controlled by "  "key	
Working Temperature	-10℃~40℃; Below 80%RH	
Accessories	Meter: 1PCS; Test Wires: 4PCS (each of yellow, green, red, black); USB communication cable: 1PCS; LR03 Battery: 4PCS ; Meter bag: 1PCS	