

# ETCR7350 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:  $\phi 200\text{mm}$ , 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

<b>Current Measurement</b>	Range: AC 0.0A~6000A	Accuracy: $\pm 0.5\%F_s$	Resolution 0.1A
<b>Voltage Measurement</b>	Range: AC 0.01V~600V	Accuracy: $\pm 0.5\%F_s$	Resolution: 0.01V
<b>Active Power Measurement</b>	Range: 0.00W~3600kW	Accuracy: $\pm 1\%F_s$	Resolution: 0.01W
<b>Apparent Power Measurement</b>	Range: 0.00VA~3600kVA	Accuracy: $\pm 1\%F_s$	Resolution: 0.01VA
<b>Reactive Power Measurement</b>	Range: 0.00var~3600kvar	Accuracy: $\pm 1\%F_s$	Resolution: 0.01var
<b>Power Factor Measurement</b>	Range: 0.300~1.000	Accuracy: $\pm 1\%F_s$	Resolution: 0.001
<b>Electric Energy Measurement</b>	Range: 0.00Wh~3600kWh	Accuracy: $\pm 1\%F_s$	Resolution: 0.01Wh
<b>Frequency Measurement</b>	Range: 25.0Hz~600.0Hz	Accuracy: $\pm 0.5\text{Hz}$	Resolution: 0.1Hz
<b>Phase Measurement</b>	Range: $0.0^\circ \sim 360.0^\circ$	Accuracy: $\pm 0.5^\circ$	Resolution: $0.1^\circ$
<b>Power Supply</b>	6V DC(LR03X4PCS)		
<b>Working Current</b>	Backlight open 80mA; Backlight close 50mA		
<b>Weight</b>	272g (include the battery)		
<b>Meter Dimension</b>	200mm×380mm×40mm		
<b>CT Size</b>	$\phi 200\text{mm}$ (can be customized size according to user requirements)		
<b>Sampling Rate</b>	2 times/second		
<b>Frequency</b>	50Hz/60Hz automatic identification		
<b>Communication Interface</b>	With USB interface, storage data can be uploaded to computer, convenient to data analyze, communication cable length: 1.8m		
<b>Data Storage</b>	200 groups , flash display "FULL" symbol indicate storage full		
<b>Data Hold</b>	Data hold function: "HOLD" symbol display		
<b>Overflow Display</b>	Over range overflow function: "OL" symbol display		
<b>Auto Shut Down</b>	15 minutes after power on, it will shut down automatically without any operation to reduce the power consumption.		
<b>Battery Voltage</b>	While battery voltage is lower than 4.8V. low battery voltage symbol "  " display, remind to replace the battery		
<b>Backlight</b>	Yes, Controlled by "  "key		
<b>Working Temperature</b>	$-10^\circ\text{C} \sim 40^\circ\text{C}$ ; Below 80%rh		
<b>Accessories</b>	Meter: 1PCS; Test Wires:4PCS(each of yellow, green, red, black); USB communication cable: 1PCS; Software CD: 1COPY; Meter bag: 1PCS		