

### Product Function

Measurement of DC voltage, AC voltage, AC current TRMS, resistance, capacitance, frequency, continuity test, temperature, diode forward voltage drop and others parameters.

### Product Features

1. The perfect combination of clamp type meter and multimeter, compact structure, easy to operate and convenient to carry, which is an ideal tool for electrical measurement.
2. With high reliability, high safety, automatic range and other characteristics, and the speed of measuring large capacitance is fast

### Technical Specification

	ETCR6420	ETCR6450	ETCR6470
Model			
DC Voltage Range	400mV/4V/40V/400V/600V	400mV/4V/40V/400V/1000V	2V/20V/200V/2000V
AC Voltage Range	4V/40V/400V/600V	400mV/4V/40V/400V/700V	2V/20V/200V/2000V
DC Current Range	-	40A/400A/1000A	20A/200A/2000A
AC Current Range	4A/40A/400A/600A	4A/40A/400A/1000A	20A/200A/2000A
Resistance Range	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ
Capacitance Range	10nF/100nF/1uF/10uF/100uF/1000uF/10mF	10nF/100nF/1uF/10uF/100uF/1000uF/10mF	20uF/200uF/2uF/20uF/200uF/2000uF
Frequency Range	100Hz/1kHz/10kHz/100kHz/1MHz/10MHz/40MHz	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz/40MHz	-
Temperature Range	-50°C~1000°C	-50°C~1000°C	-
CT Size	Max. Clamp line caliber Φ27mm	Max. Clamp line caliber Φ52mm	Max. Clamp line caliber Φ55mm
Power Supply	3V DC LR03X2PCS alkaline dry battery	9V DC 6F22X1PCS alkaline dry battery	9V DC 6F22X1PCS alkaline dry battery
Meter Dimension	213mmX80mmX35mm	249mmX89mmX38mm	270mmX100mmX46mm
Weight	230g (include battery)	360g (include battery)	460g (include battery)
Diode Test	Measure the LED operating voltage below 3V		Forward DC current is about 0.5mA Reverse DC voltage is about 3.2V
Max. Display	3999		1999
Surge Current Measurement	-	✓	✓
NCV(Live line) Measurement	✓	✓	-
Duty Ratio Measurement	✓	✓	-
Manual Range	✓	✓	-
Auto Range	✓		
Overload Protection	✓		
Automatic Shutdown	✓		
Short Circuit Buzzer	✓		
Low Voltage Indicator	✓		
Input Impedance	About 10MΩ		
Data Hold	✓		
Accessories	Meter: 1pcs; Pen probe: 1set; Temperature sensor: 1pcs; Tool Bag: 1pcs		