

Product Function





AC large current, high harmonic current, phase, electric energy, power, power factor and other industrial electricity consumption and electricity metering detection.

Apply for industrial control device, oscilloscope, harmonic analyzer, path analyzer, double clamp earth resistance tester, cable fault tester, power quality analyzer.

Product Features

1. Clamp structure, no need to interrupt the power supply and disconnect the circuit in testing, easy to operate, fast, safe and reliable.
2. Input current range: 0mA ~ 600A, output signal: mA/A; mV/A; 1A; 5A.
3. Output interface: BNC plug/ 4.0mm double banana plug/φ3.5mm Audio plug /Aviation plug(optional), wire length: 1.5m
4. CT Size: φ50mm.
5. Sensor Dimensions: 200mmX100mmX39mm
6. Weight: 550g
7. Safety Level: CAT III 600V
8. Certificate: ROHS
9. Working temperature: -15°C~50°C
10. The input current, output signal and output interface of the sensor can be customized according to customer requirements.

Technical Specification

	ETCR050A	ETCR050A	ETCR070	ETCR070A
Model				
Range	0mA~600A AC	0.0A~600A AC	0mA~1000A AC	0.0A~1000A AC
Accuracy Class	0.5	0.5	0.5	0.5
Turn Ratio	2000:1	600:1	2000:1	1000:1
Phase Error	≤2°	≤2°	≤2°	≤2°
Reference Load	0~6A ≤300 Ω; 0~60A ≤30 Ω; 0~600A ≤3 Ω	≤2.5VA	0~10A ≤300 Ω; 0~100A ≤30 Ω; 0~1000A ≤3 Ω	≤2.5VA;
Frequency	10Hz~100kHz	40Hz~1kHz	10Hz~100kHz	40Hz~1kHz
Clamp Size	Φ 50mm	Φ 50mm	Φ 70mm	Φ 70mm
Dimension	200mmX103mmX39mm	200mmX103mmX39mm	223mmX120mmX39mm	223mmX120mmX39mm
Weight	约 550g	约 550g	约 680g	约 680g