



Product Function

Measurement of AC large current, higher harmonic current, complex wave forms current, transient current, phase, electric energy, power, power factor etc.

Product Features

1. No exposed metal conductors, non-contact measurement, safe and reliable.
2. Small and light, soft and flexible, suitable for cramped environment, ribbon cable intensive site, and measuring conductor currents of large size or irregular shape.
3. With wide range, high precision, strong reliability and wide response band of measurement. Particularly suitable for relay protection, silicon controlled rectifier, frequency control, semiconductor switches, power electronics conversion equipment, arc welding and son on serious signal distortion industrial environments.
4. Current range: 0A ~ 10000A ~ more; Resolution: 10mA
5. Phase Error: $\leq 0.1^\circ$
6. Current Frequency: 45Hz~70Hz (Measured current frequency)
7. Response Frequency: 0.1Hz~1MHz
8. Line voltage: Below AC 1000V line test
9. Operating temperature: $-20^\circ\text{C} \sim 50^\circ\text{C}$; below 80%RH
10. The coil length and interface can be customized according to user requirements.

Model specification

Product Picture	Model	Coil Inner Diameter	Coil Length	Coil Weight	Coil Thickness
	ETCR50FA	$\phi 50\text{mm}$	160mm	80g	$\phi 7.5\text{mm}$
	ETCR100FA	$\phi 100\text{mm}$	320mm	90g	
	ETCR150FA	$\phi 150\text{mm}$	480mm	100g	
	ETCR200FA	$\phi 200\text{mm}$	640mm	110g	
	ETCR300FA	$\phi 300\text{mm}$	950mm	132g	
	ETCR500FA	$\phi 500\text{mm}$	1580mm	170g	
	ETCR1000FA	$\phi 1000\text{mm}$	3150mm	290g	
	ETCR1500FA	$\phi 1500\text{mm}$	4720mm	390g	
	ETCR200FB	$\phi 200\text{mm}$	640mm	212g	$\phi 12\text{mm}$
	ETCR300FB	$\phi 300\text{mm}$	950mm	274g	
	ETCR500FB	$\phi 500\text{mm}$	1580mm	400g	
	ETCR1000FB	$\phi 1000\text{mm}$	3150mm	715g	
	ETCR2000FB	$\phi 2000\text{mm}$	6290mm	1340g	
	ETCR3000FB	$\phi 3000\text{mm}$	9420mm	1970g	