

# ETCR008/ETCR030/ETCR040/ETCR068 Clamp leakage current sensor







## Product Function

Measurement of AC current, current, high order harmonic current, phase, power energy, power, power factor.

## Product features

1. It is portable, clamp design, no need to disconnect the measured circuits, non-contact, safe and fast.
2. The clamp core is made of permalloy, CT double layer shielding technology, stable performance, high accuracy, strong anti-interference ability, suitable for complex interference environment.
3. Range, turn ratio and output interface can customize according to customer's requirement.

## Technical Specification

Model	ETCR008 Clamp leakage current sensor	ETCR030 Clamp leakage current sensor	ETCR040 Clamp leakage current sensor	ETCR068 Clamp leakage current sensor
				
<b>Range</b>	0.00mA-30.0A AC	0.000mA-60A AC	0.00mA-300A AC	0.00mA-1000A AC
<b>Resolution</b>	0.01mA AC	0.001mA AC	0.01mA AC	0.01mA AC
<b>Accuracy</b>	±1.0%FS	±1.0%FS	±1.0%FS	±2.0%FS
<b>Turn Ratio</b>	1:2500	1:800	1:2400	1:2400
<b>Phase Error</b>	≤2°	≤2°	≤2°	≤3°
<b>Clamp Size</b>	Φ8mm	25mm×30mm	35mm×40mm	φ68mm
<b>Dimension</b>	137mm×40mm×19.5mm	115mm×70mm×33mm	122mm×70mm×33mm	185mm×115mm×43mm
<b>Weight</b>	About 175g	About 180g	About 190g	About 530g
<b>Output Mode</b>	Current induction output			
<b>Output interface</b>	φ3.5mm Audio plug/BNC plug/4.0mm Double banana plug(Can be customized)			
<b>Output Wire Length</b>	2 cores wire, 2 meters			
<b>Current Frequency</b>	45Hz-60Hz(Frequency of the measured current)			
<b>Frequency Characteristics</b>	10Hz-100kHz			
<b>Accessories</b>	Sensor: 1 pcs			