


# ETCR2000X/ETCR2000XC Clamp Earth Resistance Tester



## Product Function

Earth resistance measurement, loop resistance measurement, grounding down leads leakage current measurement, judge grounding fault.

## Product features

1. Non-contact measurement that safe and fast. When measuring the grounding system with loop circuit, no need to disconnect the grounding down leads, no need add auxiliary ground stake, save time and more effective.
2. Clamp Earth Resistance Tester can measure the grounding fault which can't be measured by traditional method, and apply in the different sites where traditional method cannot measure.
3. Measuring instrument manufacturing license:  2016E119-44. Have functions of audible and visible alarm, data memory, data hold.

## Technical Specification

Model	ETCR2000X		ETCR2000XC	
				
<b>Resistance Range</b>	0.010Ω~500Ω		0.010Ω~500Ω	
<b>Current Range</b>	—		0.00mA~20A	
<b>Resistance Measurement Accuracy</b> (23°C±5°C, 75%RH)	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>	
	0.010Ω~0.099Ω	0.001Ω	±(1%rdg+0.01Ω)	
	0.10Ω~0.99Ω	0.01Ω	±(1%rdg+0.01Ω)	
	1.0Ω~49.9Ω	0.1Ω	±(1%rdg+0.1Ω)	
	50.0Ω~99.5Ω	0.5Ω	±(1.5%rdg+0.5Ω)	
	100Ω~199Ω	1Ω	±(2%rdg+1Ω)	
	200Ω~395Ω	5Ω	±(5%rdg+5Ω)	
<b>*Current Measurement Accuracy</b> (23°C±5°C, 75%RH) (Only C type)	0.00mA~9.95mA	0.05mA	±(2.5%rdg+1mA)	
	10.0mA~99.0mA	0.1mA	±(2.5%rdg+5mA)	
	100mA~299mA	1mA	±(2.5%rdg+10mA)	
	0.30A~2.99A	0.01A	±(2.5%rdg+0.1A)	
	3.0A~9.9A	0.1A	±(2.5%rdg+0.3A)	
	10.0A~20A	0.1A	±(2.5%rdg+0.5A)	
<b>Power Supply</b>	DC: 6V (4PCS of LR6 Alkaline batteries)			
<b>Clamp Size</b>	55mmX32mm			
<b>Tester Size</b>	275mm(L)X100mm(W)X56mm(H)			
<b>Weight</b>	2kg			
<b>LCD Screen</b>	4 Digits LCD display, Screen : 44mm(L)X27mm(W)			
<b>Data Store</b>	500 groups			
<b>Operation Temperature</b>	-10°C~50°C; 10%RH-90%RH			
<b>Protection Level</b>	Double insulation			
<b>Shift</b>	Automatically			
<b>Accessories</b>	Tester: 1PCS; Test Ring: 1PCS; Tester Case: 1PCS			