

# RTCR2000+/RTC2100+ Clamp Earth Resistance Tester





## Product Function

Ground resistance measurement, loop resistance measurement.

## Product features

1. Noncontact, safe and fast.
2. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, it means safer and faster.
3. Clamp Earth Resistance Tester can measure the ground fault which can't be measured by traditional method, can apply in the occasion where traditional methods are unworkable.
4. Have functions of audible and visible alarm, data memory, data hold.

## Technical Specification

Model	RTC2000+ Clamp Earth Resistance Tester	RTC2100+ Clamp Earth Resistance Tester	
			
<b>Clamp Size</b>	65mm×32mm	Φ32mm	
<b>Tester Size</b>	285mm×85mm×56mm	260mm×90mm×66mm	
<b>Tester Weight</b>	1160g(With batteries)	1120g(With batteries)	
<b>Resistance Range</b>	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>
	0.010Ω-0.099Ω	0.001Ω	±(1%+0.01Ω)
	0.10Ω-0.99Ω	0.01Ω	±(1%+0.01Ω)
	1.0Ω-49.9Ω	0.1Ω	±(1%+0.1Ω)
	50.0Ω-99.5Ω	0.5Ω	±(1.5%+0.5Ω)
	100Ω-199Ω	1Ω	±(2%+1Ω)
	200Ω-395Ω	5Ω	±(5%+5Ω)
	400-590Ω	10Ω	±(10%+10Ω)
600Ω-880Ω	20Ω	±(20%+20Ω)	
900Ω-1200Ω	30Ω	±(25%+30Ω)	
<b>Power Supply</b>	DC: 6V ( 4 PCS of LR6 Alkaline batteries)		
<b>Time for single measurement</b>	0.5 second		
<b>LCD Screen</b>	4 Digits LCD display, Screen L×W: 47mm×28.5mm		
<b>Data memory</b>	99 Sets		
<b>Audible and visible alarm</b>	“du—du—du” for alarming , press AL for on/off		
<b>Alarm Threshold Setting Range</b>	Resistance:1-199Ω		
<b>Protection class</b>	Double insulation		
<b>Shift</b>	Automatically		
<b>External magnet / electric field</b>	<40A/m;<1V/m		
<b>Frequency for resistance test</b>	>1KHz		
<b>RS232 Interface</b>	Optional		
<b>Accessories</b>	Meter: 1 piece; Test Ring: 1 Piece; Meter Suitcase: 1 Piece		

