

# ETCR2000C+/ETCR2100C+ Clamp Earth Resistance Tester



## Product Function

Ground resistance measurement, loop resistance measurement, leakage current of ground wire measurement, ground fault 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	ETCR2000C+ Clamp Earth Resistance Tester	ETCR2100C+ Clamp Earth Resistance Tester	
Clamp Size	65mm×32mm	Φ32mm	
Tester Size	285mm×85mm×56mm	260mm×90mm×66mm	
Tester Weight	1160g(With batteries)	1120g(With batteries)	
Resistance Range	Range	Resolution	Accuracy
	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)
Current Range	0.00mA -9.95mA	0.05mA	±(2.5%+1mA)
	10.0mA -99.0mA	0.1mA	±(2.5%+5mA)
	100mA -300mA	1mA	±(2.5%+10mA)
	0.30A-2.99A	0.01A	±(2.5%+0.1A)
	3.0A-9.9A	0.1 A	±(2.5%+0.3A)
	10.0A-20.0A	0.1 A	±(2.5%+0.5A)
Power Supply	DC: 6V ( 4 PCS of LR6 Alkaline batteries)		
Time for single measurement	0.5 second		
LCD Screen	4 Digits LCD display, Screen L×W: 47mm×28.5mm		
Data memory	99 Sets		
Audible and visible alarm	"du—du—du" for alarming , press AL for on/off		
Alarm Threshold Setting Range	Resistance:1-199Ω; Current:1-499mA		
Protection class	Double insulation		
Shift	Automatically		
External magnet / electric field	<40A/m;<1V/m		
Frequency for resistance test	>1KHz		
RS232 Interface	Optional		
Accessories	Meter: 1 piece; Test Ring: 1 Piece; Meter Suitcase: 1 Piece		

