

Product Function

Earth resistance measurement, loop resistance measurement.

Product features

1. A major breakthrough in earth resistance measurement technology, non-contact measurement safe and fast.
2. When measuring the loop earth system, no need to disconnect the grounding down leads, and no need add auxiliary electrode, which is saving time and more effective.
3. Clamp Earth Resistance Tester can measure the grounding fault which can't be measured by traditional method, and applied to the situation where traditional methods cannot measure.
4. Have functions of audible and visible alarm, data storage, data hold.

**Technical Specification**

Model	ETCR2000X	ETCR2000A	ETCR2000	ETCR2000C
Resistance Range	0.010Ω~200Ω	0.010Ω~500Ω	0.010Ω~1000Ω	0.010Ω~1000Ω
Current Range	--	--	--	0.00mA ~30.0A
Resistance Accuracy	Range	Resolution		Accuracy
	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)
	400~590Ω	10Ω		±(10%rdg+10Ω)
Current Accuracy (Only C type)	600Ω~1000Ω	20Ω		±(20%rdg+20Ω)
	0.00mA ~9.95mA	0.01mA		±(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~19.9A	0.1 A		±(2.5% + 0.5A)
	20.0A~30.0A	0.1 A		±(3% + 1A)
Clamp Jaw Size	55X32mm			
Tester Dimension	277mm(L)X100mm(W)X57mm(H)			
Weight	Appx. 2.03kg (include accessories)			
Power Supply	DC6V Alkaline dry battery (LR6 1.5VX4PCS)			
Single Measurement Time	0.5s			
LCD Screen	4 Digits LCD display: 47mm(L)X28.5mm(W)			
Data Storage	99 Groups			
Audible & Visual Alarm	“Du-du-du”alarm sound			
Alarm Threshold Setting	Resistance:1~199Ω;Current:1~499mA(only C type)			
Clamp Jaw Open Size	32mm			
Protection Level	Double insulation			
Shift	Automatically			
Accessories	Meter: 1PCS; Test Ring: 1PCS; LR6 battery: 4PCS; Case: 1PCS			