

ETCR® EM2000+/EM2000A+/EM2000C+ Clamp Earth Resistance Tester

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	EM2000+	EM2000A+	EM2000C+
Resistance Range	0.010Ω~1200Ω	0.010Ω~200Ω	0.010Ω~1200Ω
Current Range	--	--	0.00mA ~20.0A
Resistance Accuracy (23°C±5°C, 75%RH)	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)
	600Ω~880Ω	20Ω	±(20%rdg+20Ω)
Current Accuracy (23°C±5°C, 75%RH) (Only C type)	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~19.9A	0.1 A	±(2.5% + 0.5A)
	20.0A~30.0A	0.1 A	±(3% + 1A)
Clamp Jaw Size	65mmX32mm		
Tester Dimension	285mm(L)X85mm(W)X56mm(H)		
Weight	About 2.3kg(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	500 Groups		
Bluetooth	Support Bluetooth communication		
Audible & Visual Alarm	"Du-du-du"alarm sound, press AL key to trun on/off		
Alarm Threshold Setting	Resistance:1~199Ω;Current:1~499mA(only C type)		
Working Temperature & Humidity	-10°C~55°C; 10%~90% RH		
Protection Level	Double insulation		
Shift	Automatically		
USB Interface	Optional(extra)		
Accessories	Meter: 1PCS; Test Ring: 1PCS; Case: 1PCS; LR6 battery: 4PCS		