

ETCR2000A/ETCR2000/ETCR2000C+ Clamp Earth Resistance Tester






Product Function

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

Product features

1. Non-contact measurement that safe and fast. When measuring the loop earth system, no need to disconnect the grounding down leads, no need with auxiliary electrode, save time and more effect.
2. Clamp Earth Resistance Tester can measure the ground fault which can't be measured by traditional method, and apply in the situation where traditional methods cannot measure.
3. Have functions of audible and visible alarm, data memory, data hold.

Technical Specification

Model	ETCR2000A Clamp Earth Resistance Tester	ETCR2000 Clamp Earth Resistance Tester	ETCR2000C Clamp Earth Resistance Tester
			
Resistance Range	0.010Ω-200Ω	0.010Ω-1000Ω	0.010Ω-1000Ω
Current Range	--	--	0.00mA -30A
Resistance Measurement Accuracy (23℃±5℃, 75%rh)	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)
	600Ω-1000Ω	20Ω	± (20%+20Ω)
Current Measurement	0.00mA -9.95mA	0.05mA	± (2.5%+1mA)
	10.0mA -99.0mA	0.1mA	± (2.5%+5mA)
	100mA -300mA	1mA	± (2.5%+10mA)

Accuracy (23°C±5°C, 75%rh) (Only C type)	0.30A-2.99A	0.01A	± (2.5%+0.1A)
	3.0A-9.9A	0.1 A	± (2.5%+0.3A)
	10.0A-30.0A	0.1 A	± (3%+1A)
Power Supply	DC: 6V (4 PCS of LR6 Alkaline batteries)		
Clamp Size	55mmX32mm		
Tester Size	275mm(L)X85mm(W)X56mm(H)		
Weight	1130g		
LCD Screen	4 Digits LCD display, Screen : 47mm(L)x28.5mm(W)		
Data memory	99 Sets		
Alarm Function	Yes		
Alarm Threshold Setting Range	Resistance:1-199Ω;Current:1-499mA(only C type)		
Operating temperature and	-10°C~50°C; under 80%rh		
Protection class	Double insulation		
Shift	Automatically		
Accessories	Meter: 1 piece; Test Ring: 1 Piece; Meter Suitcase: 1 Piece; LR6 Battery:4PCS		

