

Earth/Ground Resistance & Leakage Current Clamp Testers

Model : ERT-20C & ERT-20C+

- Major technological breakthrough in Ground Resistance Testing. Non-contact, safe and fast
- No need to disconnect the Ground Wire from the Electrode Rods when measuring in Loop Mode
- Resistance Range: $0.01\Omega - 1200\Omega$
- Current Range: $0.00\text{mA} - 20\text{A}$
- Current Resolution: 0.05mA



● Brief Introduction

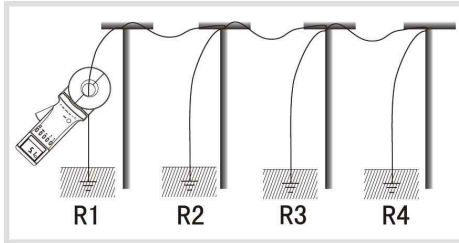
The ERT Clamp Earth Resistance Tester is widely used in ground resistance and loop resistance measurements. This is applicable in fields such as: Electric Power, Telecommunications, Meteorology, Oil Fields, Architecture and Industrial Electrical Equipment, to name a few.



The ERT-20C+ Series Tester is able to measure the leakage current of ground wire, whilst both models measure the integrated value of ground resistance and resistance lead.

When measuring ground systems on a loop, there is no need to disconnect the Ground Wire from the Electrode. This produces faster results whilst ensuring the safety of the user. The ERT is able to measure ground fault, something that cannot be done using previous methods

The brand new models have had both software and hardware upgrades, including: Instant boot, minimal risk of boot error, upgraded battery cover which is both more secure and allows for an easier battery change, wider testing range and a larger memory.

There is an optional upgrade to include the RS232 Interface, which allows the user to transfer data to a PC and create reports. This makes analysing and backing up data very simple.



Model	ERT-20 Series		ERT-10 Series	
Product Image				
Series Type	ERT-20	ERT-20C	ERT-10	ERT-10C
Resistance Range	0.01Ω–1200Ω			
Resistance Resolution	0.001Ω			
Resistance Highest Accuracy	±1%±0.01Ω			
*Current Range	/	0.00mA–20.0A	/	0.00mA–20.0A
*Current Resolution	/	0.05mA	/	0.05mA
*Current Highest Accuracy	/	±2.5%±1mA	/	±2.5%±1mA
Power Supply	DC: 6V (4 PCS of AA Alkaline batteries)			
Data Memory	99 Sets			
Alarm Threshold Setting Range	Resistance: 1Ω-199Ω			
Alarm Sound and Light	Yes			
Interference Signal Recognition	Yes			
Working Temperature and Humidity	-20℃-55℃; 20%RH-90%RH			
LCD Screen	4 Digits LCD display, Screen size: 47mm×28.5mm			
Clamp Size	65mm×32mm		∅ 32mm	
Tester Weight	1160g (With batteries)		1120g (With batteries)	
Tester Dimension	L×W×H: 285mm×85mm×56mm		L×W×H: 260mm×90mm×66mm	
Auto Power-off	5 minutes after boot up			
RS232 Interface	ERT-10C+ and ERT-20C+ with RS232 interface and Software			
Accessories	Meter: 1 PC; Test Ring: 1 PC; Meter Suitcase: 1 PC			