



Data Sheet

ERT-20C / ERT-20C+ / ERT-15C Earth Clamp tester

Features

- Special clamp shape improves access to earth cables and straps up to 65 mm (ERT-20C/20C+)
- Measures ground resistance 0.01 Ω to 200/1200 Ω
- Measures ground leakage current up to 20 A (20C/20C+)
- Automatic self calibration
- Auto ranging
- Visible and Audible Alarms
- Advanced memory functionality with download(20C+)



ERT-20C/20C+

ERT-15C

The earth resistance clamp meters are particularly suitable for measuring earth resistance in various installations such as buildings, pylons and RF transmitter sites without system disconnection. In addition, they can be used for the inspection and verification of lightning protection systems and virtually any installation where a current loop can be generated.





Technical specification

Model	ERT-20C/ ERT-20C+ Clamp Earth Tester	ERT-15C Clamp Earth Tester
Clamp Size	65mm×32mm	Φ32mm
Tester Size	285mm×85mm×56mm	260mm×90mm×66mm
Tester Weight	1160g(With batteries) (han	1120g(With batteries)
Resistance Range	0.01Ω-1200Ω	0.01Ω-200Ω
Min. Resolution	0.001 Ω	0.001 Ω
Min. Accuracy	±(1%+0.01Ω)	±(1%+0.01Ω)
Current Range	0.00mA-20.0A	N/A
Current Resolution	0.05mA	N/A
Current accuracy	±2.5% ±1mA	N/A
Power Supply	DC: 6V (4 PCS of LR6 Alkaline batteries)	
LCD Screen	4 Digits LCD display, Screen L×W: 47mm×28.5mm	
Data memory	99 Sets	
Audible and visible alarm	YES	YES
Alarm Threshold Setting Range	Resistance:1-199Ω	Resistance:1-199Ω
Protection class	Double insulation	
External magnet / electric field	<40A/m;<1V/m	
Frequency for resistance test	>1KHz	
RS232 Interface	Only ERT-20C+ with RS232 port and software	N/A
Accessories	Calibration Ring, Meter Suitcase, User manual	

