



Earth Clamp Tester

ERT Series

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.



Key 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
- Auto ranging
- Visible and Audible Alarms
- Advanced memory functionality with download(20C+)

Ideal For

- Telecommunication
- Power Transmission
- Power Distribution
- Research & development
- Earth design project
- Industrial maintenance



Technical Specifications

Model	ERT-20C+	ERT-20C	ERT-15C
Clamp size	65mm×32mm		Φ32mm
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		-----
Current Resolution	0.05mA		-----
Current accuracy	±2.5% ±1mA		-----
Power Supply	DC: 6V (4 PCS of LR6 Alkaline batteries)		
LCD Screen	4 Digits LCD display,		
Data memory	99 Sets		
Audible and visible alarm	YES		YES
Alarm Threshold Setting Range	Resistance:1-199Ω		
Protection class	Double insulation		
External magnet / electric field	<40A/m;<1V/m		
Frequency for resistance test	>1KHz		
RS232 Interface	YES (RS232 cable & software)	-----	-----
Tester Size	285mm×85mm×56mm		260mm×90mm×66mm
Tester Weight	1160g(With batteries)		1120g(With batteries)

Standard Accessories:

User manual
 Calibration Ring
 Hard carrying case
 Batteries
 RS232 cables and software (ERT-20C+ only)

Services

1 year warranty (subject to product registration with GPSLtd)

Visit www.gpslimited.com/register-product

Service and calibration available. Please contact for more information