



EK-C310 Grounding Pile Type Clamp Earth Tester



Product Function

Precision 3-wire or simple 2-wire method to measure earth resistance, earth voltage measurement, low-value resistance measurement.

Product Features

1. Unique wire resistance calibration function, anti-interference ability and environmental adaptability, more accurate for on-site low-value earth resistance measurement.
2. Waterproof protection box, waterproof, anti-collision, anti-drop, strong and durable, large-capacity rechargeable lithium battery pack, especially suitable for outdoor construction.
3. Ultra-large LCD display on the host machine, white screen backlight, bar graph indication, clear at a glance.
4. Alarm function, overload protection function, automatic shutdown function.
5. Bluetooth communication, USB communication data upload function.

Technical Specification

Power Supply	DC 7.4V 2600mAh rechargeable lithium battery, fully charged about DC 8.4V
Display Screen	4-digit LCD, display area: 124mm×67mm
Earth Resistance	Range: 0.001Ω~30.0kΩ; Resolution: 0.001Ω; Accuracy: $\pm 2\%rdg \pm 3dgt$
Earth Voltage	Range: AC/DC 0.0~600V; Resolution: 0.1V; Accuracy: $\pm 2\%rdg \pm 3dgt$
Measurement Method	Earth Resistance: rated current change-pole method; Earth Voltage: average value rectification
Test Frequency	128Hz/111Hz/105Hz/94Hz(AFC)
Test Current	>20mA (sine wave)
Measurement Time	Earth Voltage: about 3 times/second; Earth Resistance: about 15 seconds/time
Data Storage	400 sets, "FULL" symbol flashes when storage is full
Data Hold	Data hold function: "HOLD" symbol display
Data Access	Data access function: "READ" symbol display
Overflow Display	Over range overflow function: "OL" symbol display
Wire Resistance Calibration	Avoid errors caused by test wires not fully inserted into the tester interface or poor contact or users replacing or
Alarm Function	When measurement value exceeds alarm setting value, "Toot-toot-toot--" alarm hint
Auto-Power off	The meter will power off after 10 minutes after power on
Battery Voltage	When battery voltage drops to DC 7.2V±0.1V, battery voltage low symbol displays, reminding to charge the battery
Overload Protection	Measuring earth resistance: between each interface of E-P, E-C, AC 280V/3 seconds
Working Current	Backlight: 25mA Max; Standby: 25mA Max (backlight off); Measurement: 70mA Max (backlight off)
Bluetooth Communication	Install APP to view test data on mobile terminal
USB Communication	USB interface; with PC software, stored data can be uploaded to computer for storage, analysis and printing
Meter Dimensions	Height×Width×Thickness: 280mm×260mm×160mm
Meter Weight	About 4.99kg (including accessories)
Protection Level	IP65 (close the case)
Packing List	Tester: 1 PCS; Auxiliary Ground Rod: 2 PCS; Test Wire: 3 PCS; Simple Test Wire: 2 PCS; USB Communication Cable: 1 PCS; Tool Bag: 1 PCS; Charger: 1 PCS

