

ETCR[®] EM3700C Intelligent Equipotential Connection Resistance Tester



Product Function

Apply to equipotential connection resistance testing between metal components, the transformer windings DC impedance testing. Measurement of DC low value resistance, contact resistance, riveting resistance, wire length, etc.

Product features

1. Adopt with precision 4-wire method to measurement which is more accurate.
2. With waterproof protection case, which is waterproof, anti-collision, and anti-drop and durable. It equip with large-capacity rechargeable lithium battery, which is especially suitable for outdoor construction sites.
3. Large LCD display, bar graph indication, viewing clear and obvious. With Alarm function, clock function, storage function, data upload function.

Technical Specification

Power Supply	DC 7.4V 2600mAh, rechargeable lithium battery			
Range	1mΩ~30.0kΩ			
Measurement Accuracy	Gears	Range	Accuracy	Resolution
	0.3Ω	1mΩ~300mΩ	±1%rdg±10dgt	0.1mΩ
	3Ω	300m Ω~3000mΩ	±1%rdg±5dgt	1mΩ
	30Ω	3.000Ω~30.00Ω		0.01Ω
	300Ω	30.0Ω~300.0Ω		0.1Ω
	3kΩ	300Ω~3000Ω		1Ω
	30Ω	30.00kΩ~30.00kΩ		0.01kΩ
MAX Test Current	4A			
Detection Mode	Precision 4-wire method, 2 channel A/D simultaneous detection			
Data Storage	400 groups (Power down or replace battery will not lose the data)			
Alarm Setting	Alarm critical value setting range; 1Ω~30Ω, 00Ω is not start the alarm function. Will not start the alarm function in start up every time			
Charge Indication	When charging, the charger indicator lamp light on red, full charge light on green			
Overflow Indication	Over range overflow function: "OL" symbol display			
Data Hold	The test result is kept to display automatically after each testing			
Test Lines	4PCS: Each 2PCS of red and black, each line length 5m			
Clock Function	With 24-hour time system, display hour, minute			
Display Mode	LCD: 128mmX75mm; LCD Display area: 124X67mm			
Host Dimension	280mmX260mmX160mm			
Weight	About 2.3kg			
Low Voltage Indication	When battery voltage drops to DC 7.2V±0.1V, low battery voltage symbol will display and remind to charge in time			
USB Interface	With USB interface, software monitoring, storage data can be uploaded to computer, save and print.			
Protection Level	IP65			
Working Temperature	-10℃~40℃; below 80%RH			
Accessories	Tester: 1PCS; Test lines: 4PCS; USB communication cable: 1PCS; Special charger: 1PCS; Tool bag: 1PCS; Pen probe: 2PCS			