

# ETCR<sup>®</sup> ETCR3700 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. Large LCD display, bar graph indication, viewing clear and obvious.
3. With Alarm function, clock function, storage function, data upload function, storage data can be uploaded to computer, save and print.

## Technical Specification

<b>Power Supply</b>	DC 7.4V 2.6Ah, rechargeable lithium battery			
<b>Range</b>	1mΩ~30.0kΩ			
<b>Measurement Accuracy</b>	<b>Gears</b>	<b>Range</b>	<b>Accuracy</b>	<b>Resolution</b>
	0.3Ω	1mΩ~300mΩ	±1%rdg±10dgt	0.1mΩ
	3Ω	300mΩ~3000mΩ	±1%rdg±5dgt	1mΩ
	30Ω	3.000Ω~30.00Ω		0.01Ω
	300Ω	30.0Ω~300.0Ω		0.1Ω
	3kΩ	300Ω~3000Ω		1Ω
30kΩ	30.00kΩ~30.00kΩ	0.01kΩ		
<b>MAX Test Current</b>	2A			
<b>Detection Mode</b>	Precision 4-wire method, 2 channel A/D simultaneous detection			
<b>Data Storage</b>	400 groups (Power down or replace battery will not lose the data)			
<b>Alarm Setting</b>	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			
<b>Charge Indication</b>	In charging, the charger indicator lamp light on red, full charge light on green			
<b>Overflow Indication</b>	Over range overflow function: "OL" symbol display			
<b>Data Hold</b>	The test result is kept to display automatically after each testing			
<b>Test Lines</b>	4PCS: Each 2PCS of red and black, each line length 5m			
<b>Clock Function</b>	With 24-hour time system, display hour, minute			
<b>Display Mode</b>	LCD: 128mmX75mm			
<b>Low Voltage Indication</b>	When battery voltage drops to DC 7.2V±0.1V, low battery voltage symbol will display and remind to charge in time			
<b>USB Interface</b>	With USB interface, software monitoring, storage data can be uploaded to computer, save and print.			
<b>Working Temperature</b>	-10℃~40℃ ; below 80%RH			
<b>Accessories</b>	Tester: 1PCS; Test lines: 4PCS; USB communication cable: 1PCS; Special charger: 1PCS; Tool bag: 1PCS; Pen probe: 2PCS			