

ETCR3670 Transformer DC Resistance Tester



Product Function

Used for fast measurement of various transformer windings DC resistance and conductor DC resistance measurement.

Product features

- 1.The tester has two power supply modes: AC 220V and built-in large capacity lithium battery, which can meet the requirement in various sites.
- 2.Two measurement modes: automatic measurement mode: the test current can be automatically selected according to the load; Manual measurement mode: 7 gears test current can be choose.
- 3.The maximum output voltage is 24V, the maximum test current is 10A, and the test speed is fast, which can be applied to various transformers and other resistance measurements.
- 4.Equip with 5-inch true-color LCD touch screen, which is dual-purpose for measuring and operating with touch screen/press buttons. With built-in printer, Bluetooth communication, USB interface.
- 5.With automatic discharge function, with 75° conversion resistance function, which can compensates for the material temperature of the tested object.

Technical Specification

Power Supply	AC 220V/Built-in rechargeable lithium battery DC 22.2V 5200mAh		
Measurement Mode	Automatic, Manual		
Range & Test Current	200.0uΩ~50.00kΩ	AUTO	
	200.0uΩ~20.00mΩ	10A	0.2%FS
	10.00mΩ~200.0mΩ	5A	0.5%FS
	100.0mΩ~2.000Ω	1A	1%FS
	1.000Ω~20.00Ω	100mA	1%FS
	10.00Ω~200.0Ω	≤10mA CVT	1%FS
	100.0Ω~50.00kΩ	≤1mA CVT	1%FS
Max Resolution	0.1uΩ		
Measurement Accuracy	0.2%		
Test Current Gear	AUTO, 10A, 5A, 1A, 100mA, 10mA, 1mA		
Output Voltage	24V MAX		
Temperature Measurement Range	-55°C~125°C		
Data Storage	600 groups (data will not be lost after power failure or battery replacement)		
Conversion Resistance Calculation	Conversion according to the tested object temperature and material		
Discharge Function	After testing discharge automatic, discharge indication clear and avoid the wrong operation		
Automatic Shutdown	After setting automatic shutdown, the tester will automatic shutdown after 15 minutes without any operation		
Display Mode	5 inch colorful touch screen, resolution ratio 480X854		
Host Dimension	280mmX260mmX160mm		
Weight	3250g(include the battery); total weight: 6.4kg(include all accessories)		
Printer	Built-in printer		
Bluetooth Communication	Yes		
USB Interface	With USB interface, software monitoring, storage data can be uploaded to computer, save and print.		
Accessories	Tester: 1PCS; Power line: 1PCS; Test wires(10meters): 2PCS; Earth line: 1PCS; Charger: 1PCS; Temperature sensor; 1PCS; USB communication cable: 1PCS; 3.75mΩ standard resistance: 1PCS; Tool bag : 1PCS; Print paper: 1roll		