FR3060 Series DC Low Resistance Tester

★ Function: metal connection, wire resistance, transformer motor coil resistance, flange contact resistance and other low resistance, contact resistance test
★ DC resistance range: 0.001mΩ~300.0KΩ
★ Detection method: four-wire test
★ Resolution: 1uΩ
★ Test current: ≥1A
★ With large capacity rechargeable battery
★ Port anti-burn, continuous uninterrupted test, high test efficiency





PRODUCT INTRODUCTION

FR3060 DC low resistance tester also known as micro-ohmmeter, ohmmeter, DC grounding resistance tester, using the microprocessor technology, four-wire test, safety, precision and reliability. It is the instrument that detects the equipotential bonding quality of metal components such as metal riveting resistors of vehicles, ships and aircrafts, equipment housings, lightning protection belts, ground beams, structures, cabinets, steel bars, water pipes, windows, guardrails, radiators, and assembly lines. It is also possible to measure the resistance of the connecting conductor between the various electrical equipment and the grounding grid, the DC resistance of the transformer. It can also measure the contact resistance of switches and socket contacts, the low value resistance of coils , metal wires, solder joints, etc. It also has the function of measuring DC voltage and AC voltage

The monitoring software has on-line real-time monitoring and historical query functions, dynamic display, alarm value setting and alarm indication function, and functions such as reading, reviewing, saving, reporting and printing of historical data.

MODEL CONTRAST

Model	FR3060A	FR3060
Resistance range	0.01mΩ ~ 30.00KΩ	0.001mΩ ~ 300.0KΩ
Resolution	10uΩ	1uΩ
Data storage	500 groups	500 groups
USB connect computer	no	have
Rechargeable function	have	have

TECHNICAL PARAMETERS

Function	Mainly used to measure the wire resistance of the cable, the contact resistance of the switch, the connector, the relay, the resistance of the coil, the motor, the transformer winding, the metal riveting resistance, the connection resistance test between the metal components, the low value resistance test, the ground floor ground Resistance test of connecting conductor, contact resistance test, etc.		
Total DC resistance range	FR3060: 0.001mΩ ~ 300.0KΩ	resolution : 0.001mΩ	accuracy : ±0.1%FS
	FR3060A: 0.01mΩ ~ 30.00KΩ	resolution : 0.01mΩ	accuracy : ±0.1%FS
Test method	Four-wire test		
Short circuit test current	≥1A		
Open circuit voltage	≤4.2V		
Over load protection	have		
Capacity factor	Measure capacity factor≤8W		
Power	DC 3.7V 2000mAh Large-capacity lithium battery		
Display mode	LCD display, gray screen backlight		
Instrument size	L/W/H : 187 mm*119 mm*50mm		
Test line length	About 60cm , red、black each 1		
Measurement time	about 2 times/sec		
USB interface	With micro USB interface		
Data storage	500 groups, "MEM" storage instructions, display "FULL" symbol indicates that the storage is full		
Automatic shut-down	The instrument automatically shuts down after about 15 minutes without operation.		
Weight	Instrument : 480g(including battery) , test line : 250g		