

## RK2678XM Grounding Resistance Tester

### Product introduction

RK2678XM grounding resistance tester is used to measure the internal grounding resistance of electrical equipment, which it reflects the (contact) resistance between the total ground terminals of the electrical equipment. It is suitable for measuring the resistance value between the outer casing and the ground wire of various kinds of motors, electric appliances, instruments and meters, domestic appliance and so on.

This series of tester according to the following standards: Standard for household electrical appliances (IEC6035, GB4706.1-2001, GB4706.1-1998), Standard for lamp (IEC60598-1-1999, GB7000.1-2000), Standard for information (GB8898-2001, GB12113, GB4943-2001, IEC60065, IEC60950) and so on.



### Application

1. Household Electric Appliances: TV, refrigerator, air conditioner, washing machine, dryer, electric blanket, charger etc.
2. Instruments and meters: oscilloscope, signal generator, DC power supply, switching power supply and other types of machine.
3. Lighting appliances: ballast, road lights, stage lights, portable lamps and other types of lamps.
4. Electric heating appliances: electric drill, pistol drill, cutting machine, grinding machine, electric welding machine etc.

5.Motor: Rotating electrical machines, etc.

6.Office equipment:Computer,Currency Detector,printer,copier, etc.

### Performance characteristics

1.Test the maximum current 32A,it conform to the<GB4743.1-2011 standard>.

2.Test resistance,current,time are all display digital.

3.Test alarm value can be set arbitrarily,audible and visual alarm when it is unqualified.

4.Four-Terminal measurement method can eliminate the influence of contact resistance on the measurement results.

5.Test time can be set arbitrarily.

6.The minimum resolution of time is 0.1s




7.Over current protection,easy to operate,high reliability.

8.The interface of PLC is Optional.

### Technical parameter

Model	RK2678XM
Output current	5~32A(or 5~70A,can order)
Test resistance	0~200/600mΩ
Test accuracy	±5%
Test time	0.0s~999s 0.0=continuous test
Interface of PLC	Optional
Power Requirments	200V±10% 50Hz±5%
Working environment	0℃~40℃≤85%RH
Exterior dimension	320x280x180mm
Weight	10kg/20kg
Accessory	Test line,power line

### Accessories

Model	Picture	Type	
RK-12		standard	test wire
RK-12		standard	ground lead
Power cord		standard	
Factory calibration certificate		standard	
Manual		standard	