



- ★ Function: insulation resistance test  
voltage test
- ★ Rated Voltage(V): 500V; 1000V;  
2500V; 5000V; 10KV; 15KV
- ★ Insulation Resistance Range: 0.01MΩ  
~ 50TΩ
- ★ Capacitance measurement: 10nF ~ 50uF
- ★ Short Circuit current: ≥5mA
- ★ DC voltage range: 0 ~ 1000V
- ★ AC voltage range: 0 ~ 750V
- ★ Data Storage: 500 group

**PROGRAMMABLE  
TEST VOLTAGE IN  
STEPS OF 50V**

### PRODUCT INTRODUCTION

GT3127/3128/3129 digital insulation resistance meter, also name megohmmeter, high voltage insulation resistance tester, is used for insulation resistance test. This instrument has a large LCD screen gray backlit display, data storage, data review, alarm, Automatic discharge, charging, automatic shutdown and other functions. At the same time, it also has the function of measuring absorption ratio and polarization index of AC voltage and DC voltage.

It is suitable for measuring the resistance value of various insulating materials and the insulation resistance of transformers, motors, cables and electrical equipment.

At the same time, with step adjustment voltage function can output a variety of different voltage levels (such as 15kV models can produce 12KV and other voltage levels, a wider range of use)

### MODEL CONTRAST

Model	GT3127	GT3128	GT3129
Rated applied voltage	100; 250; 500; 1000; 2500; 5KV	250; 500; 1000; 2500V; 5KV; 10KV	500; 1000; 2500; 5000; 10KV; 15KV
Resistance limit range	0.01MΩ ~ 10TΩ	0.01MΩ ~ 35TΩ	0.01MΩ ~ 50TΩ
Resolution	0.01MΩ	0.01MΩ	0.01MΩ
Accuracy	±3%rdg±5dgt	±3%rdg±5dgt	±3%rdg±5dgt
Output short-circuit current	≥6mA	≥6mA	≥6mA

### TECHNICAL PARAMETERS

Function	Insulation resistance test, voltage test, current test, capacitance test		
Basic condition	23°C±5°C , below 75%rh		
DC voltage range	0.1 ~ 1000V	accuracy : ±1.5%rdg±3dgt	Resolution: 0.1V
AC voltage range	0.1 ~ 750V	accuracy : ±1.5%rdg±3dgt	Resolution: 0.1V
DC current measurement	0.01nA ~ 6mA	accuracy : ±5.0%rdg±2dg	Resolution: 0.01nA
Capacitance test	10nF ~ 50uF	accuracy : ±10%rdg±5dg	Resolution: 10nF
absorption ratio and polarization index measurement	have		
Power	12V rechargeable battery		
Backlight	Controllable gray screen backlight, suitable for use in dim places		
Display mode	4-bit large LCD display, gray screen backlight		
Instrument size	240mm (L)*188mm (W)*85mm (H)		
USB interface	With USB interface, software monitoring, storage data can upload computer, save and print		
Communication line	USB communication line 1pc		
Test line	High voltage rod red line 3 meters, high voltage test line black line 1.5 meters, green line 1.5 meters		
Alarm function	When the measured value exceeds the alarm set value, an alarm prompt is issued.		
Instrument weight	2720g(including battery)		