



## HT2671A Insulation Resistance Tester



### Product Introduction

The HT2671A digital Megabyte produced by huatian power consists of medium and large scale integrated circuits. The output power of this meter is large, the short-circuit current value is high, the output voltage level is many. The working principle is that the DC high voltage generated by DC/DC transformation of the in-machine battery as the power source is transferred from the E pole to the L pole through the tested product, thus generating a current from E to L pole. After I/V transformation and division, the measured insulation resistance value is directly displayed by the LCD.

### Product Parameters

The rated voltage	100V	250V	500V	1000V	2500V
Measuring range	0.0-10MΩ 10-100MΩ 100-200MΩ	0.0-10MΩ 10-100MΩ 100-500MΩ	0.0-99.9MΩ 100-999MΩ	0.0-99.9MΩ 100-999MΩ 1.00-19.9GΩ	0.0-99.9MΩ 100-999MΩ 1.00-9.99GΩ 10.0-49.9GΩ

The open circuit voltage	DC 100V+10%	DC 250V+10%	DC 500V +20%	DC 1000V+20%	DC 2500V+20%
Standard measuring current	0.5M $\Omega$ When the load 0.2mA-0.25mA	0.5M $\Omega$ When the load 0.5mA-0.55mA	0.5M $\Omega$ When the load 1mA-1.1mA	1.0M $\Omega$ When the load 1mA-1.1mA	2.5M $\Omega$ When the load 1mA-1.1mA
Short circuit	about 1.3mA				
precision	$\pm 5\%$ rdg $\pm 5$ dgt				

## Voltage Measurement

	AC Voltate
Range	30-600V (50/60Hz)
Resolution	1V
Accuracy	$\pm 2\%$ rdg $\pm 3$ dgt

## Technical specification

Parameter	Index
LCD display	Max 999 counts
Over range indication	OL : appears on insulation resistance LO : appears on voltage
Auto range	Rang shift to upper range: 1000 counts Range shift to lower range: 95 counts (only on insulation)
Sampling rate	0.5-10 times/sec
Operation	$\leq 2000$ m(indoor use)
The operating environme	The temperature : 0°C-40°C humidity : $\leq 85\%$
Storage environment	The temperature : -20°C-60°C humidity : $\leq 90\%$
Overload protection	Insulation resistance range : AC 1200V/10 seconds Voltage range : AC 720V/10 seconds

Withstand voltage	AC 8320V (50/60Hz) /5 seconds (between circuit and periphery)
Insulation impedance	>1000MQ/DC 1000V(Between the circuit and the periphery)
power supply	DC9V(6*1.5V AA battery)
Battery	approx. 800mA(max)
Battery life	approx. 15 hours
Dimension	125.4 x 174.6 x 69mm
Weight	547.44g (without battery and test wire)

### **Product features**

- 1、 Auto discharge function, operate more safety
- 2、 LCD backlight
- 3、 Live wire warning and audio indication
- 4、 Auto power off in 10 minutes, without any operation
- 5、 Low battery indication