



## HT2671 Insulation Resistance Tester



### Product Introduction

The HT2671 digital megohm meter (2500V) produced by huatian power is composed of medium and large scale integrated circuits. This meter has large output power, high short-circuit current value and large output voltage grades (there are four voltage grades). The working principle is as follows: the DC high voltage generated by the battery inside the machine as power supply and converted by DC/DC reaches the L pole from the E pole by the tested product, so as to generate a current from E to L pole. After I/V conversion and operation by the divider, the measured insulation resistance value is directly displayed by LCD.

### Product Parameters

Working Conditions	environment temperature : 0°C~+45°C
	relative humidity : ≤85%RH
output voltage level	500V, 1000V, 2000V, 2500V

measurement range	0~19990MΩ
Resolution	0.01MΩ, 0.1MΩ, 1.0MΩ, 10.0MΩ
relative error	0~2000MΩ $\leq\pm 5\%\pm 2d$ 2000MΩ~19990MΩ $\leq 10\%\pm 2d$
Voltage/load	2500V/20MΩ
Voltage drop	about10%
short-circuit current	>1.6mA
direct current	8×1.5V(AA, R6) battery
alternating current	220V/50Hz
Power	quiescent dissipation $\leq 160mW$ ; maximum power $\leq 2.5W$
volume	235×200×135mm <sup>3</sup>
Weight	<1.4kg

## Product features

- 1、 Large output power, strong carrying capacity, and strong anti-interference ability. The digital megohm meter shell is composed of high-strength aluminum alloy. As the output short-circuit current of the capacitive test product is larger than 1.6mA, it is easy for test current to rapidly rise to the rated value of output voltage. For the measurement of low resistance value, the voltage drop does not affect the test accuracy because of the proportional design.
- 2、 The digital megohm meter does not need human power, by the battery power, the range can be automatically converted. Clear panel operation and LCD display make measurement very convenient and fast.
- 3、 The output short-circuit current of this table can be directly measured without carrying measurement for estimation.