

# HT2672F Digit Megohmmeter



## Detail Product :

It takes computer technology as kernel, LSI combined with digital circuit, equipped with strong measurement and data processing software; finish the insulation resistance, voltage tests, with stable features, easy to operate.

## Product Features :

1. Automatic releases the voltage.
2. Data transmission by USB.
3. With function of back light, convenient to working in dark circumstance.
4. Test results displayed in bar pattern.
5. HV indicating symbol and red warning light.
6. Auto power off: If without operation in 15 minutes after finished the test, it will auto power off.
7. Store 18 groups data.
8. Time setting: to test within 15 minutes of the setting time.
9. COMP measurement (comparing function).
10. Polarization index test PI test can between any two time, auto test the resistance ratio according the setting.
11. Error limit:  $\pm$  (a% reading + character), warranty: one year
12. Temperature :23 $\pm$ 5
13. Relative humidity: 45~75%RH.

## Product Parameters :

1. Insulation resistance test

Note: At any rated measurement voltage, if the measured voltage < 10M , the measurement time should be less than 10 seconds.

Rated voltage	500V	1000V	2500V	5000V
Measuring range	0.5M ~20G	2M ~40G	5M ~100G	10M ~1000G
open-circuit voltage	DC500V 0% ~+20%	DC1000V 0% ~+20%	DC2500V 0% ~+20%	DC5000V 0% ~+20%
Rated measurement current	Load:500K 1mA~1.2mA	Load:1M 1mA~1.2mA	Load:2.5M 1mA~1.2mA	Load:5M 1mA~1.2mA
Accuracy	0.50M ~99.9M ; ± (3%+5)	2.0M ~99.9M ; ± (3%+5)	5.0M ~99.9M ; ± (3%+5)	10.0MM ~29.9M (for reference only) 30.0M ~99.9M (3%+5)
	100M ~9.99G ; ± (5%+5)	100M ~9.99G ; ± (5%+5)	100M ~9.99G ; ± (5%+5)	100M ~9.99G ± (5%+5) 10.0G ~99.9G ± (10%+5)
	10.0G ~320.0G ; ± (10%+5)	10.0G ~40.0G ; ± (10%+5)	10.0G ~100G ; ± (10%+5)	More than 100G ; ± (20%+5) humidity < 50%RH
Short circuit	<2.0mA			

## 2. Voltage test

	DC voltage	AC voltage
Measuring range	±30~±600V	30~600V(50/60Hz)
Resolution	1V	
Accuracy	± (2%+5) ; 30~100V (50/60Hz) ± (2%+8)	

Display	LCD, the maximum reading is 9999
Low battery warning.	Three cell
Overrun indication	“OL” symbol appear on the insulation resistance range.
Range function	Automatic
Unit display	With functions, quantity of electricity display in symbol
Service conditions	0 ~40 / relative humidity< 85%
Storage conditions	-20 ~60 / relative humidity< 90%
Dimension	202×155×94mm <sup>3</sup>
Weight	2kg (including the battery)
Current consumption	1.1A (maximum) (usually keep it to be 20mA)

Note: If need to use power adapter, please use the dedicated power adapter provided by our company, otherwise there will be dangerous