

Wuhan HT2670F Digit Megohmmeter



I. Introduction

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.

II.Features

1. Automatic releases the voltage.
2. With function of back light, convenient to working in dark circumstance.
3. Test results displayed in bar pattern.
4. HV indicating symbol and red warning light.
5. Auto power off:
if without operation in 15 minutes after finished the test , it will auto power off.
6. Store 18 groups data.
7. Time setting: to test within 15 minutes of the setting time
8. COMP measurement (comparing function)
9. Polarization index test
PI test can between any two time, auto test the resistance ratio according the setting.
10. Temperature : $23\pm 5^{\circ}\text{C}$
11. Relative humidity: 45~75%RH

III. Parameters

1. Insulation resistance test

rated voltage	100V	250V	500V	1000V
measurement range	0.1M Ω ~1G Ω	0.25M Ω ~2.5G Ω	5M Ω ~5.0G Ω	2M Ω ~10.0G Ω
open-circuit voltage	DC100V+20%, -0%	DC250V+20%, -0%	DC500V+20%, -0%	DC1000V+20%, -0%
rated measurement current	load: 100K Ω	load: 250k Ω	load: 500k Ω	load: 1M Ω
	1mA~1.2 mA	1mA~1.2 mA	1mA~1.2 mA	1mA~1.2 mA
short circuit	<2.0mA			
accuracy	100K Ω ~1000M Ω ; $\pm(3\%+5)$ 100M Ω ~10G Ω ; $\pm(5\%+5)$			

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

2. Voltage test

	DC voltage	AC voltage
measurement range	$\pm 30 \sim \pm 600V$	30~600V(50/60Hz)
resolution	1V	
accuracy	$\pm(2\%+5)$	< 100V: $\pm(2\%+8)$
		$\geq 100V:\pm(2\%+5)$

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°C~40°C/ relative humidity < 85%
Storage conditions	-20°C~60°C/ relative humidity < 90%
Dimension	202×155×94mm ³
Weight	2kg (including the battery)