

## Wuhan HT2565 Pointer Insulation Resistance Tester



### I. Introduction

Our HT2565 uses embedded industrial microcontroller real-time operating system , digital-analog pointer and digital segment display perfect combination, this series products with a variety of output voltage level ( 2500V , 5000V, 10000V ) , strong anti-interference, analog pointer with digital synchronous display, available for both AC and DC, simple operation , automatically save measurement results. It is the ideal test instrument for measuring insulation resistance for transformers, mutual inductors, generators, high-voltage motors, and arresters.

### II.Features

- 1.Output voltage (2500V/5000V/10000V), resistance measurement range 0~ 400GΩ.
- 2.Two ways synchronous display resistance value. The variation range of the insulation resistance can be easily observed by analog pointer, digisplay can easily read the test results.
- 3.Uses embedded industrial microcontroller real-time operating system. With high automation degree, strong anti-interference ability, auto saves test results.
- 4.Friendly interface, various measurement results against power failure function, can store the measurement results for 19 times.
- 5.If the instrument with high voltage, there will be prompt tone and with corresponding display.
- 6.AC/DC dual-use, built-in rechargeable battery and AC adapter.
- 7.Portable design, convenient for field operation.
- 8.High voltage short circuit current $\geq 1\text{mA}$ , it is an ideal insulation resistance tester to measure transformer, instrument transformer, generator, high voltage motor, power capacitor, power cable, arrester, etc.

### III. Parameters

Output voltage		2500V DC	5000V DC	10000V DC
Accuracy	Temperature	23°C±5°C		
	Insulation resistance	5M~100G ±5%	10M~200G ±5%	20M~400G ±5%
		Other ranges : ±10%		
Temperature	2.5M~100G 0~+10%	5M~200G 0~+10%	10M~400G 0~+10%	
HV short-circuit current		≥1mA		
Power supply		8 AA batteries(8 AA rechargeable batteries, external charger)		
Work environment		Temperature: -10°C~40°C Relative humidity: ≤85 %		
Storage environment		Temperature: -20°C~60°C Relative humidity: ≤90 %		
Insulation performance		When the voltage between circuit and shell body is 1000V DC, the maximum resistance is 2000MΩ.		
Withstand voltage properties		When apply 3Kv/50Hz sine wave voltage between circuit and shell body, withstand voltage time is 1 minute.		
Dimension		230×190×90mm (L×W×H)		
Weight		2.5kg		

#### IV. Accessories



Host



Test Wire



Battery



Charger



Power Cord



manual,report,certificate