

HT3530 Insulation Tester



Features & Benefits

- HT3530/HT3530A is an intelligent measurement instrument with high performance ARM micro processor control design. It is ideal for different ranges of various electrical, electronic parts, and electronic equipment testing.
- One-in-four professional instrument that integrates insulation resistance meter, picometer, digital potentiometer and digital high voltage source meter
- 6 measurement ranges
- 0.001V~1000V arbitrary voltage output under 1V resolution meets any test voltage requirements and can test resistance ranges 500Ω~9.9PΩ, with max display of 99999 digits.
- Equipped with test electrode can test the volume resistivity and surface resistivity of the material
- HT3530 can accurately draw curve V-I/V-R curve
- Equipped with discharging function
- Super-high speed testing provides the best solution for automated production. HT3530 has a sorting and beeper function
- Equipped with Handler and RS232 interfaces fit for the automatic sorting system to complete the automatic pipeline test.
- Calibration function, open-circuit clearing at full measurement ranges.
- 4.3-inch TFT true color LCD display

应用 (APPLICATION)

HT3530/HT3530A Insulation Tester is used to measure the insulation resistance and leakage current of various electronic components, equipment, dielectric materials, wires and cables; Supporting electrode box can test the surface resistance and volume resistivity of materials.

SPECIFICATION

Model	HT3530	HT3530A
Display	4.3-inch large screen LCD display	
Test Parameters	Insulation resistance (IR), leakage current (I), volume resistivity (Rv), area resistance (Rs)	
Readback Voltage Accuracy	0.5%±1V	
Output Voltage	Programmed:1~1000 V, Step value:1mV	Programmed:1~1500 V, Step value:1V
Measurement Range	Resistance: 1Ω-9.9PΩ; Leakage current:2mA~10fA	
Ranges	6 different measurement ranges, auto and manual modes are available in each range	
Basic Accuracy	1%(10M~1G);3%(1G~10G); 5%(10G~100G);10%(100G~1T);20%(≥1T)	
Calibration	Open-circuit reset for all ranges	
Test Speed	1 meas/sec., 5meas/sec.	
Timing Charger	0~999.9S	
Comparator	1 set data records, judging over the upper limit (HI), qualified (IN), and less than the lower limit(LO)	
Trigger mode	Internal trigger, manual trigger, external trigger, bus trigger	
Interface	RS-232, Handler (PLC)	
Power supply	Voltage:198VAC ~ 240VAC , Frequency:47Hz-63Hz, Max power:50VA	
Size and Weight	331mm*329mm*80mm (L*W*D), gross weight:2.5kg	
Accessories	HT9330 cable, PB36 connector, HT9800 cable, Power cord, USB	
Options	HT0305 test electrode	