

Safety Tester/Hipot Tester

E. TH9110/A Hipot Tester

NEW

Features

- High power: AC 5kV / 100mA / 500VA output
- High security: High-voltage floating output design, in line with the safety requirements of EU standards EN50191 (only TH9110) Electric shock protection function
- High resolution: 7 inch 800 × 480 dots, TFT-LCD display
- Brand-new operation interface, Chinese and English menu
- ARC detection function
- Contact check function (OSC)
- Breakdown voltage test function
- One-key screen capture function
- One-key recording function
- Rear panel output function to facilitate automated production line testing
- Storage: 100 files, up to 50 steps per file



TH9110/A

Dimension(mm): 430(W)×132(H)×500(D)

Weight: 21kg

Standard RS232 USB HOST USB DEVICE HANDLER LAN

Option GPIB

Application

- Winding devices
Transformers, generators/motors and other products needing high-power withstand voltage test and analysis, such as different types of motor stator, rotor and other high parasitic capacitance products
- Electronic components
Capacitors, coils, cores, choke coils, filters and so on
- Electrical products
Household appliances, information products, audio-visual equipment, electric heating appliances, lighting equipment
- Non-electrical products
Withstand voltage and insulation resistance test for wire, non-woven fabric, insulation materials and so on
- New energy automobile
- Automated test system
- Medical equipment

Specifications

Model	TH9110	TH9110A
Withstand voltage test		
Output voltage	AC	0.05 - 5kV Load Variance: 1% Accuracy: 1% Resolution: 2V
	DC	0.05 - 6kV Load Variance: 1% Accuracy: 1% Resolution: 2V
Current test range	AC	0.001mA - 120mA(Voltage≤4kV); 0.001mA - 100mA(Voltage>4kV) Accuracy: 1% Resolution: 1μA
	DC	0.0001mA - 25mA Accuracy: 1% Resolution: 0.1 μA
Output power	500VA	
Insulation resistance test		
Output Voltage	DC : 0.05 - 5kV Resolution: 2V Accuracy: 1% of set value + 0.1% full scale	
Resistance test range	1MΩ-50.0GΩ Resolution: 0.1MΩ	
Discharge function	Automatic discharge after the end of the test	
ARC detection	AC	1mA - 20mA
	DC	1mA - 10mA
Contact check function	OSC open and short: 600Hz, 0.1s	
Security features		
High voltage floating output	Leakage current <3 mA	-----
Electric shock protection	0.5mA ±0.25mA	
Other protection	Start protection, panel operation password protection	
Alarm indication	PASS: short tone, green light; FAIL: long tone, red light	
Memory	100 groups, 50 steps per group	
General parameters		
Voltage rise time	0.1s — 999.9s	
Test time setting(AC/DC)	0.3s — 999s	
Voltage fall time	0.1s — 999.9s	
Waiting time (IR)	0.2s — 999.9s	
Time accuracy	±(1%+0.1s)	