

Safety Tester/Hipot Tester

E. TH9010/A Parallel 8-channel/4-channel Hipot Tester

Features

- 7-inch 800×480 dot-matrix, TFT-LCD display
- Chinese and English operation interface and concise interface operation design
- 8-channel withstand voltage parallel output and test efficiency increased eight times
- Parallel 8-channels and each channel is non-interfering
- Each channel can be extended by a four-channel scanner
- Support 4 four-channel scanner at most and one instrument can be extended to 128 channels
- Four-channel scanner supports contact check function
- Single output power: AC:5kV/10mA; DC:6kV/5mA
- Insulation resistance test voltage: 0.10kV -1.00kV
- Enhanced security: electric shock protection
- Rapid discharge and arc detection function
- Arbitrarily set voltage rising time and test time in 999.9 seconds; freely set waiting time for insulation resistance
- Key-Lock Function
- Display the PASS/FAIL result of each channel independently and the total result simultaneously
- Store 100 test files and each file can hold at most 20 testing steps

Application

- Automated test system
- Household appliances
- Transformers, motors
- Electrical equipment
- Lighting industry
- New energy vehicles
- Electronic components
- Medical equipment

Specifications

Model		TH9010	TH9010A
Number of units		8 separate channel	4 separate channel
Withstanding voltage test			
Output voltage	AC	0.10kV — 5.00kV	±2%
	DC	0.10kV — 6.00kV	±2%
Current test	AC	0mA — 10.00mA	±(2% readings + 5 digits)
	DC	0uA — 5.00mA	±(2% readings + 5 digits)
Range	Rapid discharge function	Discharge after test ends (DCW)	
Insulation resistance test			
Output voltage		0.10kV — 1.00kV ±2%	
Resistance test range		0.1MΩ — 10.0GΩ	
Resistance test accuracy		0.10MΩ — 999MΩ ±10% 1.00GΩ — 10.0GΩ ±20%	
Discharge function		Discharge after test ends	
Arc detection			
Test range	Corresponding current	1mA — 20mA	
General specification			
Voltage rising time		0.1s — 999.9s	
Test time setting (AC/DC)		0.2s — 999.9s	
Voltage fall time		0.1s — 999.9s	
Waiting time (IR)		0.2s — 999.9s	
Time accuracy		±(1%+0.1s)	
Memory		Store 100 test files and each file can hold at most 20 testing steps	
Interface			
Standard		HANDLER, RS232, USB DRV, USB HOST	

NEW



TH9010

Dimension(mm): 430(W)×177(H)×630(D)

Weight: 40kg

Standard RS232 ☒ USB HOST ☒ USB DEVICE ☒ HANDLER ☒

Option GPIB ☐



TH90101 8-unit four-channel scan expander

TH90101A 4-unit four-channel scan expander