

Product Datasheet - Technical Specifications



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Your contact

Technical and commercial sales, price information,
quotations, demo/test equipment, consulting:

Tel.: **+49 - (0)81 41 - 52 71-0**

FAX: **+49 - (0)81 41 - 52 71-129**

E-Mail: sales@meilhaus.com

Meilhaus Electronic GmbH
Am Sonnenlicht 2
82239 Alling/Germany

Tel. **+49 - (0)81 41 - 52 71-0**
Fax **+49 - (0)81 41 - 52 71-129**
E-Mail sales@meilhaus.com

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Safety Tester/Hipot Tester

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

NEW

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 Range	AC	0mA — 10.00mA	±(2% readings + 5 digits)
	DC	0uA — 5.00mA	±(2% readings + 5 digits)
	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		



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