

# Safety Tester/Hipot Tester

## E. TH9200 AC/DC Withstanding Voltage & Resistance Tester

### Features

- TH9201S: 8-channel scanning AC/DC withstanding voltage & insulation tester  
TH9201/TH9201B: AC/DC withstanding voltage & insulation tester  
TH9201C: DC withstanding voltage tester
- 240×64 Dot-matrix graphic LCD display
- Fast discharge and arc detection function
- Body protection function
- Built-in 8-channel matrix scanner for convenient use
- Set voltage rising time, test time, and voltage dropping time randomly for different load, DC withstanding voltage current judging & waiting time
- 100 test steps being stored per group, totally 50 groups, and the total testing steps are limited at 500
- Current base number correction function
- Brand new operation interface and humanized panel design
- Abundant interfaces Handler, RS-232C, SCAN, GPIB(optional)

### Brief Introduction

- TH9201 series AC/DC withstanding voltage & insulation tester is a kind of Hipot Tester. Due to simple and compact structure, mature technique, brand new structure and operating interface, the operation becomes more convenient, and more practical functions are included as well. TH9201 series can be widely applied in transformer, device, component especially for winding safety inspection.



NEW

TH9201S



NEW

TH9201/TH9201B/TH9201C

### Specifications

Model		TH9201	TH9201S	TH9201B	TH9201C
<b>Withstanding voltage test</b>					
Output voltage	AC	0.05kV—5kV ± (1.0% of reading+5 digit) (50、60Hz optional)			
	DC	0.05kV—6kV ± (1.0% of reading+5 digit)			
	Voltage adjustment rate	≤(1.0% +10V) (rated power)			
Current test range	AC	0.1mA – 30mA		0.1mA – 20mA	
	DC	0.01mA – 10mA		0.01mA – 5mA	
	Test accuracy	± (1.0% of reading+5 digit)			
	Discharge function	Discharge after test ends (DCW)			
<b>Insulation resistance test</b>					
Output voltage		0.05kV – 1kV ± (1.5% of reading+5V)			
Resistance test range		0.1MΩ—10GΩ, (Current range within 10nA—10mA)			
Resistance test accuracy	500V—1000V	1MΩ—1GΩ ± (5% of reading +5 digit)		1GΩ—10GΩ ± (10% of reading +5 digit)	
	50V—500V	0.1MΩ—1GΩ ± (10% of reading +5 digit)			
Discharge function		Discharge after test ends			
<b>Arc detection</b>					
Measurement range	AC	1mA – 15mA			
	DC	1mA – 10mA		1mA – 5mA	
<b>General specification</b>					
8-channel matrix scanner		-----	available	-----	
Memory		50groups, 100 steps per group, totally 500 steps			
Voltage rise-time		0.1s - 999s			
Voltage fall-time		0.1s - 999s			
Voltage wait-time		0.1s - 99.9s (only for DC)			-----
Test time setting		0.3s - 999s			
<b>Interface</b>					
Standard		RS232, USB,HANDLER, REMOTE I/O , SCAN			
Options		GPIB			