Safety Tester/Hipot Tester

E. TH9200 Series Hipot Tester

Features

- TH9201S:8-channel scanning AC/DC withstanding voltage & insulation tester
  TH9201/TH9201B: AC/DC withstanding voltage & insulation tester
  TH9201C: AC 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.

TH9201S

TH9201/TH9201B/TH9201C

Specifications

Model		TH9201	TH9201S	TH9201B	TH9201C
Withstanding voltage test					
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	0.01mA - 30mA		0.01mA - 20mA	
	DC	0.1μA - 10mA		0.1μA - 5mA	------
	Test accuracy	±(1.0% of reading+5 digit)			------
	Discharge function	Discharge after test ends（DCW）			------
Insulation resistance test					
Output voltage		0.05kV – 1kV ±(1.5% of reading+5V)			------
Resistance test range		0.1MΩ –50GΩ，(Current range within 10nA-10mA)			------
Resistance test accuracy		1MΩ – 300MΩ ±(5% of reading +5 digit) 300MΩ – 3GΩ ±(10% of reading +5 digit)			------
		3GΩ – 50GΩ ±(20% of reading +5 digit)			------
Discharge function		Discharge after test ends			------
Arc detection					
Measurement range	AC	1mA - 15mA			
	DC	1mA - 10mA		1mA - 5mA	------
General specification					
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			
Interface					
Standard		RS232，USB,HANDLER，REMOTE I/O，SCAN			
Options		GPIB			------