

Safety Tester/Hipot Tester

E. TH9310/TH9320 Series Hipot Tester

Features

- TH9310 series: AC:5kV/10mA; DC:6kV/5mA AC/ DC withstanding voltage/insulation resistance tester
TH9320 series: AC:5kV/20mA; DC6kV/10mA AC/ DC withstanding voltage/insulation resistance tester
- TH9310/20: AC/ DC withstanding voltage/insulation resistance tester
TH9310A/20A: AC / DC withstanding voltage tester
TH9310B/20B: AC withstanding voltage tester
- 480×272 dot-matrix, TFT-LCD display
- Rapidly discharging and arc detection
- Randomly set voltage rising time and testing time in 999.9 seconds;
Freely set waiting time for insulation resistance
- Hold 5 testing steps; 4 testing modes selectable
- Brand new operation interface and concise interface operation design
- Lock keyboard
- PLC interface

Specifications

Model		TH9310/20	TH9310B
Withstanding voltage test			
Output voltage	AC	0.05 —5.00kV ± (2% reading+5digits) , (50Hz、60Hz optional)	
	DC	0.05 —6.00kV ± (2% reading+5digits)	-----
	Voltage adjustment rate	≤ (1% - 5V) (rated power)	
Current test range	AC	TH9310: 0.000mA – 10.00mA ±(2% reading+2digits) TH9320: 0.000mA – 20.00mA ±(2% reading+2digits)	
	DC	TH9310: 0uA – 5.00mA ±(2% reading+2digits) TH9320: 0uA –10.00mA ±(2% reading+2digits)	-----
	Discharge function	Discharge after test ends (DCW)	
Insulation resistance test			
Output voltage		0.10kV – 1.00kV ±(2%reading+2V)	-----
Resistance test range		1MΩ– 9999MΩ	-----
Resistance test accuracy	500V–1000V	1MΩ– 1000MΩ ±(5%reading+2digits) 1000MΩ–9999MΩ ±(10%reading+2digits)	-----
	100V–500V	1MΩ– 1000MΩ ±(10%reading+2digits)	-----
Discharge function		Discharge after test ends	-----
Arc detection			
Measurement range	AC	1 – 9 levels (factory default 5) (20mA、18mA、16mA、14mA、12mA、10mA、7.7mA、5.5mA、2.8mA respectively)	
	DC	1 – 9 levels	-----
General specification			
Memory		5 groups	
Voltage rising time		0.1s – 999.9s	
Test time setting (AC/DC)		0.2s – 999.9s	
Waiting time (IR)		0.2s – 999.9s	-----
Time Accuracy		±(1%+0.1s)	
Dimension (W×H×D)		280mm×89mm×428mm/10kg	
Interface			
Standard		HANDLER, RS232, USBDRV(PC interface), USBHOST(USB port)	

Brief Introduction

- TH9310/20 series withstanding voltage/insulation resistance tester is an economical and intelligent safety tester with the characteristics of small size, light weight, pleasing appearance and easy operation. TH9310/20 series can be widely used in the safety tests of household appliances, transformer, electrical equipments and components.



TH9310/TH9320