

Safety Tester/Hipot Tester

IV. 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; DC:6kV/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)	

Standard Accessories

TH90003R Withstand Voltage Test Cable
TH90003C Withstand Voltage Test Cable



RS232	USB HOST	USB DEVICE	HANDLER	SIGNAL	PLC
standard	standard	standard	standard	standard	standard

TH9310/TH9320 Series

Dimension(mm):280mm(W)x88mm(H)x428mm(D)

Weight: 11kg (only TH9310 series), 12.311kg (only TH9320 series)

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.