

# Safety Tester/Hipot Tester

## IV. STL2201 Series Hipot Tester

### Features

- STL2201S:8-channel scanning AC/DC withstanding voltage & insulation tester  
STL2201/STL2201B: AC/DC withstanding voltage & insulation tester  
STL2201C: 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)



STL2201S



STL2201



### Brief Introduction

- STL2201 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. STL2201 series can be widely applied in transformer, device, component especially for winding safety inspection.

### Specifications

Model		STL2201	STL2201S
Eight-way matrix scanner		-----	Have
Withstanding voltage test			
Output voltage	AC	0.05kV - 5.00kV	$\pm(1.0\% \text{ of reading}+10V)$ (50、60Hz optional)
	DC	0.05kV - 6.00kV	$\pm(1.0\% \text{ of reading}+10V)$
Current test range	AC	0.001mA - 30mA	
	DC	0.1 $\mu$ A - 10mA	
	Test accuracy	$\pm(1.0\% \text{ of reading}+5 \text{ digit})$	
	Discharge function	Discharge after test ends (DCW)	
Insulation resistance test			
Output voltage		0.05kV - 1.00kV	$\pm(1.0\% \text{ of reading}+2V)$
Resistance test range		0.1M $\Omega$ - 50G $\Omega$ , (Current range within 10nA-10mA)	
Resistance test accuracy		0.1M $\Omega$ - 300M $\Omega$	Range $\pm 5\%$ +5 digit
		300M $\Omega$ - 3G $\Omega$	Range $\pm 10\%$ +5 digit
		3G $\Omega$ - 50G $\Omega$	Range $\pm 20\%$ +5 digit
Discharge function		Discharge after test ends	
Arc detection			
Measurement range	AC	1mA - 15mA	
	DC	1mA - 10mA	
General specification			
Voltage rise-time		0.1s - 999s	
Voltage fall-time		0.1s - 999s	
Voltage wait-time		0.1s - 99.9s(only for DC)	
Interface		RS232, USB, HANDLER, REMOTE I/O , SCAN, GPIB(Options)	