

Multi Channel Hipot Tester SME1114 / SME1118



Features

- 8-channel withstand voltage parallel output
- Parallel 8-channels and each channel is isolated from other channel
- Each channel can be extended by a four-channel scanner
- Support 4 four-channel scanner at most and one instrument can be extended to 128 channels
- Four-channel scanner supports contact check function
- Single output power: AC:5kV/10mA; DC:6kV/5mA
- Insulation resistance test voltage: 0.10kV -1.00kV
- Enhanced security: electric shock protection
- Rapid discharge and arc detection function
- Arbitrarily set voltage rising time and test time in 999.9 seconds; freely set waiting time for insulation resistance
- Key-Lock Function
- Display the PASS/FAIL result of each channel independently and the total result simultaneously
- Store 100 test files and each file can hold at most 20 testing steps

Technical Specifications		SME1114	SME1118
Number of units		4 Separate Channels	8 Separate Channels
Withstanding Voltage Test			
Output Voltage	AC	0.10kV to 5.00kV ± 2%	
	DC	0.10kV to 6.00kV ± 2%	
Current test Range	AC	0mA to 10.00mA ± (2% reading + 5 digits)	
	DC	0µA to 5.00mA ± (2% reading + 5 digits)	
	Rapid discharge function	Discharge after test ends (DCW)	
Insulation resistance test			
Output Voltage		0.10kV to 1.00kV ± 2%	
Resistance test range		0.1MΩ to 10.0GΩ	
Resistance test accuracy	0.10MΩ to 999MG ± 10%		
	1.00GΩ to 10.0GΩ ± 20%		
Discharge function		Discharge after test ends	
Arc Detection			
Test range	Corresponding Current	1mA to 20mA	

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General Specifications		
Voltage rising time	0.1s to 999.9s	
Test time setting (AC/DC)	0.2s to 999.9s	
Voltage fall time	0.1s to 999.9s	
Waiting time (IR)	0.2s to 999.9s	
Time Accuracy	± (1% + 0.1s)	
Memory	Store 100 test files and each file can hold at most 20 steps	
Display	7 inch 800×480 dot-matrix, TFT-LCD display	
Interface	Standard : RS232, USB HOST, USB Device, Handler	
	Optional : GPIB	
Input Supply	230V ± 10%, 50/60Hz	
Operating conditions	0-40°C, RH : 95%	
Dimensions	W:430 x H:177 x D:630 mm	
Weight	40 kg	
Accessories		
Standard	Mains Cord, HV Cables, RS232 Cable, CD	
Optional	SMA90101A : 4 Channels Scan expander (Compatible with SME1114)	
	SMA90101 : 8 Channels Scan expander (Compatible with SME1118)	

Subject to change

Standard Accessories



SMA90015



SMA90016



RS232 Cable

Optional Accessories



SMA90017



SMA90013



GPIB Cable



SMA90101A



SMA90101

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