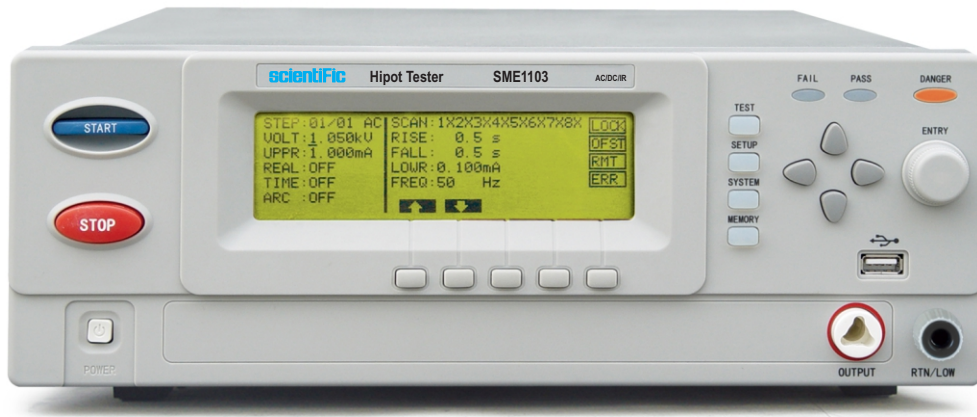


# AC DC Hipot Tester SME1103



## Features

- 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 interface Handler, RS232C, Scan, GPIB (Optional)

Technical Specifications		SME1103
Output Voltage	AC	0.05 kV to 5 kV $\pm$ (1.0% of reading + 5 digit) 50 Hz (60 Hz optional)
	DC	0.05 kV to 6 kV $\pm$ (1.0% of reading + 5 digit)
	Voltage adjustment rate	$\leq$ (1.0% + 10 V) (rated power)
Current Test Range	AC	0.1 mA to 30 mA
	DC	0.01 mA to 10 mA
	Test Accuracy	$\pm$ (1.0% of reading + 5 digit)
	Discharge function	Discharge after test ends (DCW)
<b>Insulation Resistance Test</b>		
Output Voltage		0.05 kV to 1 kV $\pm$ (1.5% of reading + 5 V)
Resistance Test Range		0.1 M $\Omega$ to 10 G $\Omega$ $\pm$ (Current range within 10 nA to 10 mA)
Resistance Test Accuracy	500 V to 1000 V	1 M $\Omega$ to 1 G $\Omega$ $\pm$ (5% of reading + 5 digit) 1 G $\Omega$ to 10 G $\Omega$ $\pm$ (10% of reading + 5 digit)
	50 V to 500 V	0.1 M $\Omega$ to 1 G $\Omega$ $\pm$ (10% of reading + 5 digit)
Discharge Function		Discharge after test ends
<b>Arc Detection</b>		
Measurement Range	AC	1 mA to 15 mA
	DC	1 mA to 10 mA

Technical Specifications	SME1103
Voltage Rise Time	0.1 s to 999 s
Voltage Fall Time	0.1 s to 999 s
Voltage Wait Time	0.1 s to 99.9 s (only for DC)
Test Time Setting	0.3 s to 999 s
<b>General Specifications</b>	
Display	240 x 64 Dot Matrix Graphic LCD Display
Operating conditions	0°C – 40°C, ≤ 90% RH
Supply	198 V – 242 V AC, 47.5 Hz– 63 Hz
Power Consumption	≤ 500 VA
Dimensions (WxHxD)	340mm x 120mm x 450mm
Weight	Approx. 15kg
<b>Interface</b>	
Standard	RS232, USB, Handler, Remote I/O, Scan
Options	GPIB
Standard Accessories	Mains cord, Withstanding Voltage Test lead wire (90003R), Withstanding Voltage ground lead wire (90003B), Withstanding Voltage Test probe (90004), CD, USB Cable

Subject to change



90003R



90003B



90004

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