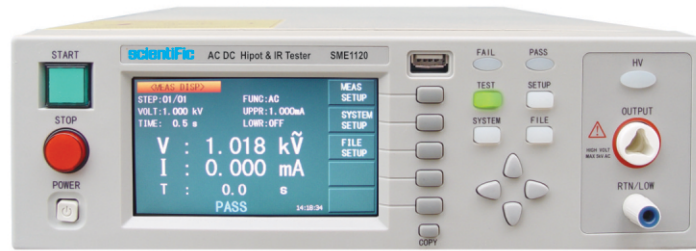


# AC DC HIPOT / IR TESTER SME1110 / SME1120

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Since 1963



## Features

- Output voltage: AC:5kV/20mA; DC:6kV/10mA
- Test voltage of insulation resistance:0.10kV-1.00kV
- Test range of insulation resistance: 1MΩ-1000MΩ
- Provide 4 channels, 8 channels scan interface
- Rapid Discharge and Arc detection
- Randomly set Voltage rising time and testing time.
- Hold 20 testing steps; 4 testing modes selectable
- Keyboard Locking
- PLC interface
- 480×272 dot-matrix, TFT-LCD display

Technical Specifications		SME1110	SME1110A	SME1110B
		AC DC Hipot & IR Tester	AC DC Hipot Tester	AC Hipot Tester
<b>Withstanding Voltage Test</b>				
Output Voltage	AC	0.05 – 5.00 kV ± (2% of reading + 5 digits) (50 Hz / 60 Hz optional)		
	DC	0.05 – 6.00 kV ± (2% of reading + 5 digits)		
	Voltage Adjustment Rate	≤ ( 1% - 5V) (rated power)		
Current Test Range	AC	SME1110 : 0.000mA – 10.00 mA ± (2% of reading + 2 digits)		
	DC	SME1110 : 0 μA – 5.00 mA ± (2% of reading + 2 digits)		
	Discharge Function	Discharge after test ends		
<b>Insulation Resistance Test</b>				
Output Voltage		0.10kV–1.00kV ± (2% reading + 2V)		-
Resistance Test Range		1MΩ – 9999MΩ		-
Resistance Test Accuracy	500V-1000V	1MΩ – 1000MΩ ± (5% reading + 2digits)		-
	100V-500V	1000MΩ –9999MΩ ± (10% reading + 2digits)		-
Discharge Function		1MΩ –1000MΩ ± (10% reading + 2digits)		-
Discharge Function		Discharge after test ends		
<b>Arc Detection</b>				
Measurement range	AC	1–9 levels (factory default 5) (20 mA, 18 mA, 16 mA, 14 mA, 12mA, 10 mA, 7.7 mA, 5.5 mA, 2.8mA respectively)		
	DC	1 – 9 levels		
<b>General Specification</b>				
Memory		5 groups		
Voltage Rise- time		0.1s – 999.9 s		
Test time setting (AC/DC)		0.2s – 999.9 s		
Waiting time (IR)		0.2s – 999.9 s		
Time accuracy		± (1%+0.1 s)		
Dimensions		W: 280, H: 89, D: 428 mm		
Weight		10 Kg (approx.)		
Standard Interface :		Handler/ PLC, RS232, USB DRV (PC Interface, USB Host / USB Port )		
Accessories		High Voltage Probe (90003R/B), USB Cable, RS232 cable, Mains Cord, CD		

# AC DC HIPOT / IR TESTER SME1120-4 / SME1120-8



Technical Specifications		SME1120	SME1120-4	SME1120-8
No.of Channels		1	4	8
Withstanding Voltage Test				
Output Voltage	AC	0.05 – 5.00 kV ± (2% of reading + 5 digits), (50 Hz / 60 Hz optional)		
	DC	0.05 – 6.00 kV ± (2% of reading + 5 digits)		
	Voltage Adjustment Rate	≤ (1% - 5V)(rated power)		
Current test range	AC	0.000mA - 20.00 mA ± (2% of reading + 2 digits)		
	DC	0µA - 10.00 mA ± (2% of reading + 2 digits)		
	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	500V-1000V	1MΩ - 1000MΩ ± (5% of reading + 2 digits); 1000MΩ - 9999MΩ ± (10% of reading + 2 digits)		
Accuracy	100V-500V	1MΩ - 1000MΩ(10% of reading + 2 digits)		
Discharge Function		Discharge after test ends		
Arc detection				
Measurement range	AC	1 - 9 levels (factory default 5) (20 mA, 18mA, 16mA, 14mA, 12mA, 10mA, 7.7mA, 5.5mA, 2.8mA respectively)		
	DC	1 - 9 levels		
General Information :				
Memory		5 groups		
Voltage rising time		0.1 s -999.9s		
Test time setting (AC/DC)		0.2 s -999.9s		
Waiting time (IR)		0.2 s -999.9s		
Time Accuracy		± (1% + 0.1s)		
Dimension (WxHxD)		W: 280, H: 89, D: 428 mm, 10Kg		
Interface				
Standard Interface :		Handler/ PLC, RS232, USB DRV (PC Interface), USB Host (USB Port )		
Standard Accessories		High Voltage Probe (90003R/B), USB Cable, RS232 cable, Mains Cord, CD		

Subject to change

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