

# Ground Bond Tester

## SME2710A, SME2711A



### Advanced Features

- Test current : 1.00 ~ 45.00 A
- Grounding resistance range : 0 ~ 600 mΩ
- Four-terminal test mode to ensure test accuracy
- The internal power amplifier circuit drives the current output, which is not affected by the power supply and load
- The output holes on the front and rear panels are designed to facilitate the integration of standard chassis
- 999.9 seconds test time, which is greater than common 60 S test requirements
- Keyboard lock function to prevent misoperation
- Safety lock function to prevent the instrument from accidentally opening the test state
- Store 20 test files, each with 20 test steps

Specifications		SME2710A			SME2711A		
Output	Current	Scop	1 A ~ 45 A			1 A ~ 32 A	
		Range	1.00 A ~ 5.00 A	5.01 A ~ 30 A	30.01 A ~ 45 A	1.00 A ~ 5.00 A	5.01 A ~ 32 A
		Accuracy	± (2% Reading + 3 digit)				
		Setting Resolution	0.01 A				
		Readback Resolution	0.01 A				
	Output Voltage	8 Vmax		6 Vmax	8 Vmax		
	Frequency	50 / 60 Hz : ± 0.1% Set					
Resistance	Test Range		0 ~ 600 mΩ (Rmax <= 6 / Iset (Iset : Setting Current)), The Max Resistance could be 600 mΩ when the current is less than 10 A				
	Accuracy		± (2% Reading + 2 Digit)				
	Resolution		1 mΩ	0.1 mΩ	0.1 mΩ	1 mΩ	0.1 mΩ
	Setting	Upper Limit	0 ~ 600 mΩ				
		Lower Limit	0 ~ 600 mΩ (Less than Upper Limit)				
		Resolution	1 mΩ				
	Bias	Range	0 ~ 100 mΩ				
Resolution		0.1 mΩ					
Accuracy		± (2% Setting + 2 Digit )					
Test Time	Range	Continuous, 0.5 ~ 999.9 s					
	Resolution	0.1 s					
	Accuracy	± (0.1% + 0.05s)					

Specifications	SME2710A	SME2711A
<b>General Specifications</b>		
Display	480 × 272 dots, TFT-LCD display	
PC Interface	RS232, USB Host, USB Device, Handler	
Input Supply	230 V ± 10%, 50 Hz	
Frequency	47.5 ~ 63 Hz	
Power Consumption	≤ 900 VA	≤ 800 VA
Operating Conditions	0 ~ 50°C, 95% RH	
Dimension	W : 280, H : 88, D : 428 mm	
Weight	14 kgs. Approx.	

Subject to change

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