

STL4410 Series Ground Bond Tester

Features

- Test current: 1.00-45.00A
- Grounding resistance range: 0-600mΩ
- 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
- 480×272 dots, TFT-LCD display
- 999.9 seconds test time, which is greater than common 60S 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



RS232	USB HOST	USB DEVICE	HANDLER
standard	standard	standard	standard

Dimension (mm): 280(W) x 88(H) x 428(D)
Net weight: 14 kg

Application

- Automated test system
- Household appliances
- Transformer, motor
- Electrical equipment
- Electric heating appliances
- Lighting industry
- New energy vehicles
- Electronic components
- Medical equipment

Specifications

Model		STL4410A	STL4411A				
Output	Current	Scop	1A-45A		1A-32A		
		Range	1.00A-5.00A	5.01A-30A	30.01A- 45A	1.00A-5.00A	5.01A-32A
		Accuracy	±(2% Reading + 3 Digit)				
		Setting Resolution	0.01A				
		Readback Resolution	0.01A				
	Output Voltage	8Vmax	6Vmax	8Vmax			
	Frequency	50 / 60Hz: ± 0.1%SET					
Resistance	Test Range		0-600mΩ (Rmax ≤6 / Iset (Iset: Setting Current)), The max Resistance could be 600mΩ when the current is less than 10A.				
	Accuracy		± (2% Reading + 2 Digit)				
	Resolution		1 mΩ	0.1 mΩ	0.1 mΩ	1 mΩ	0.1 mΩ
	Setting	Upper Limit	0-600mΩ				
		Lower Limit	0-600mΩ (Less than Upper Limit)				
		Resolution	1mΩ				
Bias	Range	0 - 100 mΩ					
	Resolution	0.1mΩ					
	Accuracy	± (2% Setting + 2 Digit)					
Test Time	Range	0, 0.5 - 999.9s (0 = Continuous)					
	Resolution	0.1s					
	Accuracy	± (0.1% + 0.05s)					
Input Power	Voltage	110V, 220V					
	Frequency	47.5-63Hz					
	Power Consumption	≤900VA		≤800VA			