



EK-S864 Leakage Protector (RCD) Tester



Product Function

Test the tripping time, tripping current of various RCDs, and line AC voltage.

Product Features

1. Output test current range: 5mA~1000mA (fifteen levels).
2. Use manual measurement mode or auto measurement mode to test the tripping time, with a range of 0.001s~1.000s.
3. Use step mode to test the tripping current value, with a range of 3mA~110mA.
4. Use voltage measurement mode to test AC voltage, with a range of 0~600V.
5. Features auto power-off, phase selection, backlight selection and other functions.

Technical Specification

Power Supply	DC 7.4V, 2600mAh lithium battery
Display Screen	4.3-inch color screen, resolution 480×272
Rated Voltage	AC 220V (between tester interfaces during RCD test)
Test Current Levels	5mA, 10mA, 20mA, 15mA, 30mA, 50mA, 60mA, 100mA, 150mA, 200mA, 250mA, 300mA, 500mA, 600mA, 1000mA
Test Current Accuracy	±10%rdg±2dgt
Tripping Time Measurement	Range: 0.001s~1.000s; Resolution: 0.001s; Accuracy: ±5%rdg±3dgt
Tripping Current Measurement	Tripping current range: 3mA~33mA; Resolution: 1mA; Accuracy: ±2dgt Tripping current range: 10mA~110mA; Resolution: 5mA; Accuracy: ±2dgt
Voltage Measurement	Range: AC 0~600V; Resolution: 1V; Accuracy: ±2%rdg±5dgt
Frequency Display	50Hz/60Hz
Phase Selection	0° or 180°
Data Hold	After test completion, the interface automatically holds the test result display
Failure Indication	LCD displays "999" timeout indication. Possible causes: the selected rated tripping current level is too low or the RCD is faulty.
Test Lead Length	1.5m
Test Mode	Manual or Auto
Battery Voltage	When the battery voltage is low, the low battery symbol is displayed, prompting charging.
Operating Current	320mA Max
Rated Voltage	AC 220V
Meter Dimensions	226mm×144mm×65mm
Meter Weight	Approx. 2kg (including accessories)
Operating Temperature & Humidity	-10℃~40℃; below 80%RH
Accessories	Host: 1 unit; Test lead with probe: 2 pcs; Alligator clip: 1 piece; Socket test lead: 1 piece; Charger: 1 unit; Tool bag: 1 piece

