



EK-C346A/C346B Insulation Resistance Tester

Product Features

Suitable for measuring the insulation resistance of electric motors, switches, electrical appliances and other electrical equipment and insulation materials.

Product Function

1. Max output voltage 5000V, Max test resistance value 1000G Ω , Max short circuit current 2mA.
2. Insulation resistance value, test time and output voltage are displayed on the same screen.
3. Safe structure and new design of improved circuit, more complete functions, higher accuracy, more convenient and reliable operation.
4. Auto discharge and perfect protection circuit, which can effectively prevent the damage of counter voltage.
5. The host is equipped with large LCD display, white screen backlight, and bar chart indication, clear and obvious.
6. Large capacity lithium battery is adopted, making the test more stable and the use more convenient.

Technical Specification

Model	EK-C346A	EK-C346B
		
Rated Voltage	50V; 250V; 500V; 1000V; 2500V	50V; 250V; 500V; 1000V; 2500V; 5000V
Output Voltage Accuracy	(5%~10%) $\pm$ 10V	(5%~10%) $\pm$ 10V
Insulation Resistance Range	0.1M Ω ~ 200G Ω	0.1M Ω ~ 1000G Ω
Max Insulation Resistance Accuracy	$\pm$ 3%rdg $\pm$ 5dgt	$\pm$ 3%rdg $\pm$ 5dgt
Voltage Range	AC/DC: 0V ~ 750V	AC/DC: 0V ~ 750V
Voltage Accuracy	$\pm$ 5%rdg $\pm$ 5dgt	$\pm$ 5%rdg $\pm$ 5dgt
Short Circuit Current	2mA MAX	2mA MAX
Power Supply	Lithium battery DC 7.4V, 2600mAh	
Display Screen	128mm $\times$ 75mm, display area: 124mm $\times$ 67mm, with backlight	
Shift	Turn the shift rotary knob to select the appropriate gear	
Backlight	Controllable off-white backlight, suitable for dark places	
Battery Voltage	Battery undervoltage symbol is displayed. When battery voltage is low, the meter will remind the user to charge in time (for lithium battery version).	
Automatic Discharge	Automatically discharges the voltage of the measured object. During discharging, the symbol flashes. When discharge is complete, the symbol turns off.	
Auto Shutdown	15 minutes after boot up, the meter shuts down automatically without any operation.	
Power Consumption	Standby: about 40mA (backlight off); Start up with backlight: about 50mA; Measurement: about 100mA (backlight off)	
Meter Dimensions	212mm $\times$ 175mm $\times$ 85mm	
Meter Weight	about 2.4kg (including package)	
Operating Temperature & Humidity	-10 $^{\circ}$ C ~ 40 $^{\circ}$ C; below 80%RH	
Suitable Safety Standard	IEC61010-1 (CAT III 300V, CAT IV 150V, Pollution Degree 2)	
Accessories	Tester: 1 PCS; High voltage probe test lead: 1 PCS (red); Probe test lead: 1 PCS (black); Alligator clip test lead: 1 PCS (black); Alligator clip: 1 PCS (black); Carrying bag: 1 PCS; Charger: 1 PCS	

