



EK-C344A/C344B Insulation Resistance Tester

Product Features

Suitable for measuring insulation resistance of various electrical equipment and insulation materials such as motors, cables, switches, electrical appliances, etc., and maintenance, testing and calibration of various electrical equipment.

Product Function

1. Max output voltage 2500V, max test resistance value 50GΩ, short circuit current $\geq 1\text{mA}$.
2. Insulation resistance value, test time, and output voltage display on same screen.
3. Exquisite structure, high accuracy, simple and reliable operation, and easy to carry.

Technical Specification

Model	EK-C344A	EK-C344B
Rated Voltage	250V; 500V; 1000V	500V; 1000V; 2500V
Output Voltage Accuracy	$\pm 10\%$	$\pm 10\%$
Insulation Resistance Range	0.25MΩ~10GΩ	0.5MΩ~50GΩ
Insulation Resistance Accuracy	$\pm 5\% \text{rdg} \pm 5 \text{dgt}$	$\pm 5\% \text{rdg} \pm 5 \text{dgt}$
Voltage Range	AC 0V~600V	AC 0V~600V
Voltage Accuracy	$\pm 1\% \text{rdg} \pm 5 \text{dgt}$	$\pm 1\% \text{rdg} \pm 5 \text{dgt}$
Short Circuit Current	$\geq 1\text{mA}$	$\geq 1\text{mA}$
Power Supply	DC9V Alkaline dry battery LR6 1.5V×6PCS	
Display Screen	4-digit LCD display, Max. display: 3999	
Shift	Press FUNC key to power on and selection test function	
Insulation Measurement Time	1/2/4/10 minutes	
Battery Voltage	Battery low voltage symbol display, and remind to replace battery	
Automatic Shutdown	15 minutes without any operation after starting up, the tester will shutdown automatically	
Power Consumption	Max. power consumption: 4.5W, Min. power consumption: 18mW, Hibernate power consumption: <80uW	
Operating Temperature & Humidity	0℃~40℃; Below 75%RH	
Meter Dimensions	150mm(L)×101mm(W)×59mm(H)	
Meter Weight	Tester: 422g (include battery); Total weight: 0.9kg (include accessories)	
Accessories	Tester: 1PCS; High voltage test probe: 2PCS red; Pen probe test line: 1PCS black; Alligator clip: 3PCS (red 2PCS/ black 1PCS); Tool bag: 1PCS; LR6 battery: 6PCS	

