



EK-C348A/C348B Insulation Resistance Tester



Product Function

Suitable for measuring the insulation resistance, dielectric absorption ratio(DAR) and polarization index(PI) of electric motor ,cable ,switch,electric al appliance and others electrical equipment and insulation materials.

Product features

1. Max output voltage 5000V, max test resistance value 1000GΩ,max short circuit current 2mA. With test function of insulation dielectric absorption ratio (DAR) and polarization index(PI).
2. Insulation resistance value, test time and output voltage are displayed on the same screen.
3. New design of safety structure and improved circuit, more complete function, higher accuracy , more convenient and reliable operation.
4. Automatic discharge function, perfect protection circuit , which can effectively prevent the damage of counter voltage .
5. The host with large LCD display ,white screen and backlight ,bar chart indication ,clearly and obvious.

Technical Specification

Model	EK-C348A	EK-C348B
Rated Voltage	50V; 250V; 500V; 1000V; 2500V	50V; 250V; 500V; 1000V; 2500V; 5000V
Output Voltage Accuracy	(5%~10%) ± 10V	(5%~10%) ± 10V
Insulation Resistance Range	0.1MΩ~200GΩ	0.1MΩ~1000GΩ
Max Insulation Resistance Accuracy	±3%rdg ± 5dgt	±3%rdg ± 5dgt
Voltage Range	AC/DC 0V~750V	AC/DC 0V~750V
Voltage Accuracy	±5%rdg ± 5dgt	±5%rdg ± 5dgt
Short Circuit Current	2mA MAX	2mA MAX
Dielectric Absorption Ratio Test(DAR)	Yes	
Polarization Index Test(PI)	Yes	
Power Supply	DC9V Alkaline dry batteries1.5V LR14 X 6PCS /Optional lithium battery DC 7.4V 2600mAh	
Display Screen	128X75mm; Display area: 124X67mm	
Battery Voltage	Battery low voltage symbol display, and remind to replace the battery in time	
Automatic Discharge	Automatic discharge the voltage of the measured object, During discharging, ⚠ symbol flash. Discharge finish ⚠ symbol extinguish	
Auto Shutdown	15 minutes without any operation after starting up, the tester will shutdown automatically	
Power Consumption	Standby: about 40mA(backlight off); Start up with backlight: about 50mA; Measurement:: about 100mA(backlight off)	
Meter Dimensions	212mm(L)X175mm(W)X85mm(H)	
Meter Weight	Tester: 1360g(include battery); Total weight: 2.4kg (include accessories)	
Operating Temperature & Humidity	-10℃~40℃; Below 80%RH	
Suitable Safety Standard	IEC61010-1(CAT III 300V, CAT IV 150V, Pollution 2)	
Accessories	Tester:1PCS; High voltage probe test line: 1PCS red; Pen probe test line: 1PCS black; Alligator clip test line: 1PCS black; Alligator clip: 1PCS(black);Tool bag: 1PCS; LR14 battery: 6PCS	

