# ELECAL

Application: it can be used for measuring insulation resistance of insulation materials as well as various electric equipments ,such as transformers, electric motors, cables and switches

#### Features:

- \*Each model has three rated voltages
- \*Logarithmic scales, and clear scales for easy reading
- \*AC voltmeter with linear scale provides measuring range 300V or 600V.
- \*Powerful load capability, output short circuit current is more than 1mA.
- $\hbox{^*Dust-proof and damp-proof construction suitable for outdoor\, use.}$
- \*Small size, lightweight, easy operated and portable
- \*Battery operated, low power consumption
- \*Battery check function

# **Specifications**



Withstand Voltage	AC3KV 50Hz 1min	
Operating Temperature&Humidity	0°C~50°C; < 85% RH	
Power Supply	1.5V(R6,AA) Battery ,8 pcs	
Dimensions	260 mm (L) × 135 mm (W) × 70 mm (D)	
Weight	≈0.75kg	

Application:Insulation/continuity resistance measurement of electric equipment in repairing,testing or inspecting

### Features:

- \*Two rated voltages for insulation test
- \*Logarithmic scales display resistance value for easy reading
- \*1mA short circuit current on insulation test
- \*200mA short circuit current on continuity test
- \*A 600V AC voltmeter available.
- \*Low power consumption and powered by 6×1.5V battety (R6 or Lr6).
- \*Provide with battery check function
- \*Portable and easy-to-operate.

# **Insulation Resistance:**

Ilisulation i	Colotali		40001	
Rated Voltage		500V; 1000V		
Open Circuit Voltage	cuit Voltage Rated Voltage (+2 0% - 0 %)		(+20%-0%)	
Measuring Range		( 0~1000) M Ω ;(0~2000) M Ω		
Range & Error	Error	( 1~500) MΩ	( 2~1000) M Ω	
	Error	(0.5~1) M Ω (500~1000) M Ω	(1~2)M $\Omega$ (1000~2000)M $\Omega$	
Short Circuit Current		2	1 mA	

# Continuity:

Open Circuit Voltage	>4V	
Measuring Range	(0~3)Ω;(0~500)Ω	
Accuracy	± 5 % RDG	
Short Circuit Current	> 200 mA	
AC.Voltmeter:		
Range & Error	(0~600)V ± 5 %	

Withstand Voltage	AC3KV 50Hz 1min	
Operating Temperature&Humidity	0°C~40°C; < 85% RH	
Power Supply	6×1.5V (R6 or LR6) Battery.	
Dimensions	190 mm (L) × 110 mm(W) × 58 mm (D)	
Weight	≈0.5kg	



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# ELECAL

Application: it can be used for measuring insulation resistance of insulation materials as well as various electric equipments such as transformers, electric motors, cables and switches

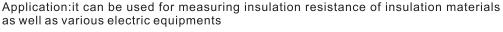
#### Features:

- \*Reciprocal scales display resistance value for accurate reading
- \*Small size, light weight, portable and easy-to-operate.
- \*Powered by battery and low power consumption.
- \*Battery check function
- \*hree rated voltages for one set and also be used for AC voltmeter.





Withstand Voltage	AC2kV 50Hz 1min	
Operating Temperature&Humidity	0°C~40°C; < 85% RH	
Power Supply	9V ( 6F22 Battery )	
Dimensions	195 mm (L) × 95 mm(W) × 40 mm (D)	
Weight	≈0.3kg	



### Features:

- \*Logarithmic scales display resistance value for accurate reading.
- \*Small size and light weight, easy operated and portable
- \*Battery check function
- \*Two rated voltages for one set and be used for AC voltmeter which measuring range is up to 600V.

### **Specifications**

Rated Voltage		500V; 1000V		
Output Voltage		Rated Volatge × (1±10 %)		
Max. Value of Measuring Range 1000MΩ; 2		2; 2000ΜΩ		
		23°C±2°C		
Accuracy&Range	Accuracy ±5 % RDG	(1~500)MΩ	( 2 ~ 1000 )MΩ	
	Accuracy ±10 % RDG	( $0.5 \sim 1$ )M $\Omega$ ( $500 \sim 1000$ )M $\Omega$	( 1 ~ 2 )MΩ ( 1000 ~ 2000 )MΩ	
	0°C~40°C			
	Accuracy ±10 % RDG	(1~500)MΩ	(2~1000)MΩ	
	Accuracy ±20 % RDG	$(0.5 \sim 1)M\Omega$ (500 ~ 1000)MΩ	(1~2)MΩ (1000~2000)MΩ	
Output Short Circuit Currer	nt	≥	1 mA	
AC Voltmeter	Range	0 ~ 600V		
	Accuracy	Max. Value of the Measuring Range ±5 %		

Withstand Voltage	AC2kV 50Hz 1min	
Operating Temperature&Humidity	0°C~40°C; < 85% RH	
Power Supply	9V ( 6F22 Battery )	
Dimensions	195 mm ( L ) × 95 mm( W ) × 40 mm ( D )	
Weight	≈0.3kg	





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