

KEW HIGH VOLTAGE INSULATION TESTERS

Model 3120 series is our range of high voltage insulation testers covering a rated test voltage range from 2500V to 10000V.

They feature an extremely compact design due to the employment of high performance electronic circuit and a wide, dual scale for easy reading.

Selection Guide

MODEL	3121	3122	3123	3124
2500V Test voltage	●			
5000V Test voltage		●	●	
10000V Test voltage			●	
1k-10kV Variable Test Voltage				●
Dual Resistance scales	●	●	●	●
Recorder output				●
Guard Terminal	●	●	●	●

MODEL 3121/3122/3123



- Dual scales for low and high ranges which change automatically. Colour coded scales for easy reading plus LED's that illuminate in matching colour.
- Drip proof construction.
- Hard carrying case furnished as standard accessory.
- Designed for low power consumption.

MODEL 3124



- Permits a wide range of insulation testing up to 100GΩ at variable test voltage from 1kV to 10kV.
- DC voltage output for recorders.
- Output voltage is shown on the digital display.
- After tests, automatically discharges the charges stored in the circuit under test.
- Operated by rechargeable Nickel-Cadmium batteries.

Specifications

MODEL	Model 3121	Model 3122	Model 3123		Model 3124	
DC Test Voltage	2500V	5000V	5000V	10000V	1k~10kV variable	1000V
Measuring Ranges (automatic change)	2GΩ/100GΩ (autoranging)	5GΩ/200GΩ (autoranging)	5GΩ/200GΩ (autoranging)	10GΩ/400GΩ (autoranging)	1.6GΩ/100GΩ (autoranging)	100MΩ
Primary Effective Measuring Ranges Accuracy	0.1~50GΩ ±5% rdg	0.2~100GΩ	0.2~100GΩ	0.4~200GΩ	0.05~50GΩ ±10% rdg	1~100MΩ
Other ranges Accuracy	±10% rdg or 0.5% of scale length				±1% of scale length	
Output Voltage and Set Voltage Indicate	—				DC 0~10kV ±2%rdg±2dgt	
Withstand Voltage	5000V AC for 1 minute				5000V AC for 1 minute	
Power Source	R6P(AA)(1.5V)×8				Ni-Cd rechargeable battery(1.2V)×8	
Dimensions	200(L)×140(W)×80(D)mm				200(L)×140(W)×80(D)mm	
Weight	1kg approx.				1.5kg approx.	
Accessories	7058(Test leads) 9039(Hard Carrying Case) R6P(AA)×8 Instruction Manual		7058(Test leads) 9039(Hard Carrying Case) 8019(Pickel type prod) R6P(AA)×8 Instruction Manual		7082(Lead for recorder) 7083(Lead for battery charging) 7084(Earth and guard leads) 8079(120V) or 8080(220V) (Battery charger) 9069(Hard Carrying Case) Ni-Cd rechargeable battery×8 Instruction Manual	
Optional	8019(Pickel type prod) 8020(Adaptor for recorder)		8020(Adaptor for recorder)		—	

Optional Accessories

Model 8019 Pickel Type Prod



Model 8020 Adaptor for recorder

