

HIGH VOLTAGE INSULATION TESTERS

10000V

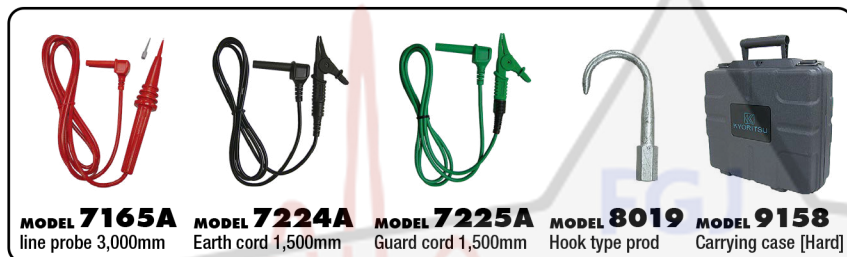
KEW 3123A



		3123A
Test voltage	5000V	10000V
Measuring ranges (automatic change)	5GΩ/200GΩ (autoranging)	10GΩ/400GΩ (autoranging)
First effective measuring ranges	0.2 - 100GΩ	0.4 - 200GΩ
Accuracy	±5% rdg	
Other ranges accuracy	±10% rdg or 0.5% of scale length	
Power source	R6(AA)(1.5V) × 8	
Dimensions	200(L) × 140(W) × 80(D)mm	
Weight	1kg approx.	
Accessories	7165A(Line probe)(3m), 7224A(Earth cord)(1.5m), 7225A(Guard cord)(1.5m), 8019(Hook type prod), 9158(Carrying case [Hard]), R6(AA) × 8, Instruction manual	
Optional	7253(Longer line probe with alligator clip)(15m), 7168A(Line probe with alligator clip)(3m), 8324(Adaptor for recorder)	

- Rugged design with a hard carrying case for field use.
- Detachable High Voltage Line probe.
- Automatic ranges, high and low scales, indicated by different LEDs.
- Drip proof.
- Auto-discharge function.

Accessories

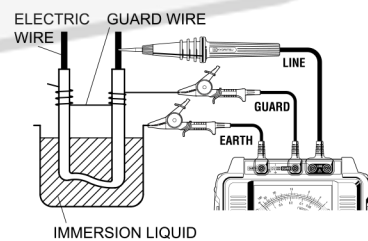


Optional Accessories



Use of Guard Terminal

Illustrated in this Fig. is an example of the insulation resistance measurement of an electric wire. If the line probe is simply connected to the wire conductor and the earth lead to the immersion liquid container as shown, a measurement error will be introduced as this results in the measurement of the combined resistance of insulation resistance and the surface leakage resistance at the cut end of the electric wire. In order to remove this surface leakage current, wind a guard wire around the cut end of the conductor and connect it to the guard terminal of the instrument using the guard lead. Then, the surface leakage current will bypass the indicating meter of the insulation resistance tester.



10000V

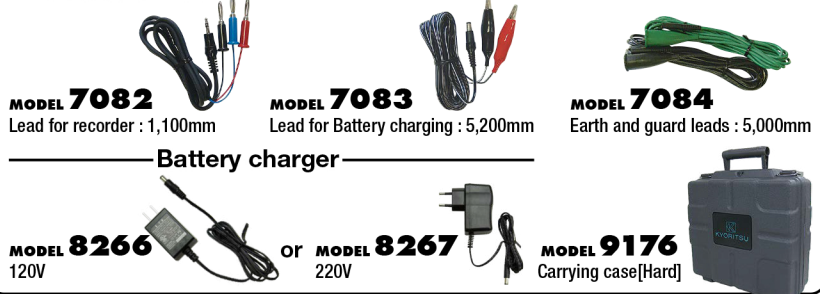
KEW 3124A



External Power Supply

		3124A
Test voltage	1k - 10kV variable	1000V
Measuring ranges (automatic change)	1.6GΩ/100GΩ (autoranging)	100MΩ
First effective measuring ranges	0.05 - 50GΩ	1 - 100MΩ
Accuracy	±10% rdg	
Other ranges accuracy	±1% of scale length	
Output voltage and set voltage indicate	DC 0 - 10kV ±2%rdg±2dgt	
Power source	Ni-MH rechargeable battery(1.2V) × 8	
Dimensions	200(L) × 140(W) × 80(D)mm	
Weight	1.5kg approx.	
Accessories	7082(Lead for recorder), 7083(Lead for battery charging), 7084(Earth and guard leads), 9176(Carrying case[Hard]), 8266(Battery charger[120V]) or 8267(Battery charger[220V]), 8268(Ni-MH rechargeable battery × 8), Instruction manual	

Accessories



- 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 Ni-MH rechargeable batteries.