## **HIGH VOLTAGE INSULATION TESTERS**

10000V

## **MODEL** 3124

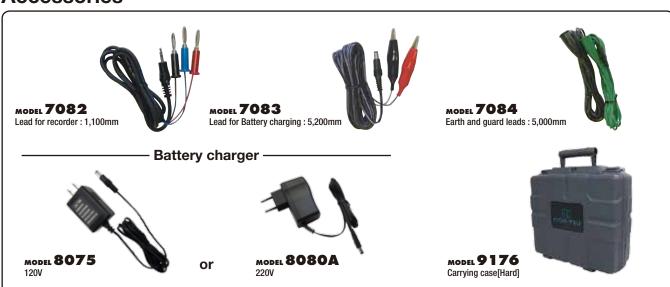
External Power Supply



	3124	
Test voltage	1k - 10kV variable	1000V
Measuring ranges (automatic change)	$1.6G\Omega/100G\Omega$ (autoranging)	100MΩ
First effective measuring ranges	0.05 - 50GΩ	1 - 100ΜΩ
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-Cd 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]), 8075(Battery charger[120V]) or 8080A(Battery charger[220V]), Ni-Cd rechargeable battery $\times$ 8, Instruction manual	

- Permits a wide range of insulation testing up to 100G  $\!\Omega$  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.

## **Accessories**



## **Instrument Layout**

- 1 Line Probe
- (2) Guard Terminal
- (3) Earth Terminal
- 4 Battery Alarm
- **5** Battery Charging Indicator
- **6** High Scale for 100GΩ Range
- (7) Low Scale for 100GΩ Range
- $\ensuremath{\$}$  High Scale Indicator for 100G $\Omega$  Range
- (9) Low scale Indicator for 100G $\Omega$  Range
- 10 Output Voltage and Set Voltage Indicator
- (1) Meter Movement Zero Adjust
- 12 Terminal for Battery Charging

- (13) Output Terminal for Recorder
- (14) Press to Test Button
- (15) Function Switch
- 16 Output Voltage Set Knob

