

# KEW INSULATION/CONTINUITY TESTERS

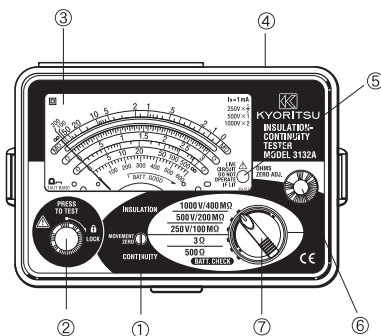
The Model 3132A is a highly compact and easy to use insulation and continuity tester.

Designed to strict IEC61010-1 safety standards, it has an IP protection rating of IP54 and is ideally suited to more arduous environments. The instrument offers 3 insulation test ranges, a 3Ω continuity range and a 500Ω resistance range.

## MODEL 3132A



### Layout Diagram



- ① METER MOVEMENT ZERO ADJUST
- ② TEST BUTTON
- ③ SCALE PLATE
- ④ INPUT CONNECTOR
- ⑤ LIVE CIRCUIT LAMP
- ⑥ OHMS ZERO ADJUST
- ⑦ RANGE SELECTOR SWITCH

### Specifications

MODEL	Model 3001B	Model 3111V
<b>Insulation Resistance</b>		
Test Voltage	500V/1000V	250V/500V/1000V
Measuring Ranges (Mid-scale Value)	200MΩ(2/20/200MΩ) autoranging	0-100MΩ/0-200MΩ/0-400MΩ (1MΩ) (2MΩ) (4MΩ)
Output Voltage on open circuit	Rated test voltage +12%	Rated test voltage ±10%
Rated Current	1~1.2mA DC approx.	0.8mA DC approx.
Output Short Circuit Current	1.5mA DC approx.	2mA DC approx.
Accuracy Guaranteed Ranges	—	0.05-10MΩ/0.1-20MΩ/0.2-40MΩ
Accuracy	±2%rdg±5dgt	±5% of indicated value
<b>Continuity Test</b>		
Measuring Ranges (Mid-scale Value)	200Ω(20/200Ω) autoranging	50Ω (20Ω)
Output Voltage on open circuit	600mV DC approx.	0.6V DC approx.
Output Short Circuit Current	6mA approx.	300mA approx.
Accuracy	±2%rdg±0.1Ω±1dgt	±3% of scale length
<b>General</b>		
Withstand Voltage	2200V AC for 1 minute	2200V AC for 1 minute
Power Source	R6P(AA)(1.5V)×8	R6P(AA)(1.5V)×8
Dimensions	144(L)×93(W)×61(D)mm	143(L)×93(W)×63(D)mm
Weight	460g approx.	500g approx.
Accessories	7025(Test leads) Pouch for test leads fuse 520HF 250V/0.5A 9050(Carrying Case) R6P(AA)×8 Instruction Manual	7025(Test leads) fuse 250V/1A 9038(Carrying Case) R6P(AA)×8 Instruction Manual

### Selection Guide

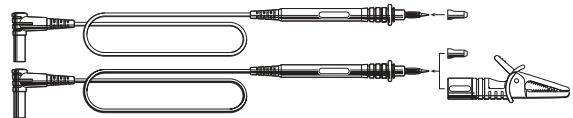
MODEL	3131A	3132A
3 range insulation test voltage	●	●
200mA continuity	●	●
Live circuit warning	●	●
AC Voltage range		●
Illuminated scale	●	
Automatic discharge	●	●
IP54 rated	●	●

### Features

- Dust and drip proof construction. (designed to IEC60529 IP54)
- Designed to meet IEC61010-1 and IEC61557 safety standard.
- 1mA rated test current at the minimum resistance.
- 200mA measuring current on continuity testing.
- Automatic discharge of circuit capacitance. (Any charge stored in the circuit under test will be automatically discharged after testing.)
- Live circuit warning buzzer and neon lamp.
- Small and lightweight. Shock resistant new case material.
- AC voltmeter with linear, easy-to-read scale.
- Operates on AA, R6P×6 dry batteries.

### Accessory

#### Model 7122 Test Leads



## MODEL 3001B

Compact and lightweight digital Insulation/Continuity tester.



## MODEL 3111V

Compact, lightweight and portable Insulation/Continuity tester.

