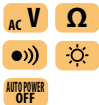


## MODEL 3005A



- Bar graph to display insulation resistance
- Displays the value of external AC voltage with flashing symbol
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value
- Live circuit warning buzzer
- Releasing the test button automatically discharges the charges stored in the circuit under test
- 200mA measuring current on continuity testing

## MODEL 3007A



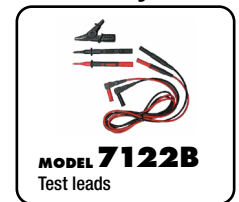
- Bar graph to display insulation resistance
- Displays the value of external AC voltage with flashing symbol
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value
- Trac-Lok mode to conserve battery life on insulation and continuity tests
- Live circuit warning buzzer
- Releasing the test button automatically discharges the charges stored in the circuit under test
- Backlight function to view the test results in dimly lit areas

	3005A
<b>Insulation resistance</b>	
Test voltage	250/500/1000V
Measuring ranges	20/200/2000MΩ
Output voltage on open circuit	Rated test voltage +20%, -0%
Nominal current	1mA DC min.
Output short circuit current	Approx. 1.5 mA DC
Accuracy	±1.5%rdg±5dgt(20/200MΩ) ±10%rdg±3dgt(2000MΩ)
<b>Continuity test</b>	
Measuring ranges	20/200/2000Ω
Output voltage on open circuit	7 - 12V DC
Measuring current	200mA DC min.
Accuracy	±1.5%rdg±5dgt(20Ω) ±1.5%rdg±3dgt(200/2000Ω)
<b>AC voltage</b>	
AC voltage range	0 - 600V AC
Accuracy	±5%rdg±3dgt
<b>General</b>	
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC)
Power source	R6(AA)(1.5V) × 8
Dimension	167(L) × 185(W) × 89(D)mm
Weight	Approx. 970g
Accessories	7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 8, 9121(Shoulder strap) Instruction manual

### Selection Guide

	3005A	3007A
200mA continuity range	✓	✓
Live circuit warning	✓	✓
Backlight		✓
Automatic discharge	✓	✓
Trac-Lok for extended battery life		✓

### Accessory



	3005A/3007A
<b>Insulation resistance</b>	
Test voltage	250/500/1000V
Measuring ranges	20/200/2000MΩ
Output voltage on open circuit	Rated test voltage +20%, -0%
Nominal current	1mA DC min.
Output short circuit current	1.5 mA DC approx.
Accuracy	±1.5%rdg±5dgt(20/200MΩ) ±10%rdg±3dgt(2000MΩ)
<b>Continuity test</b>	
Measuring ranges	20/200/2000Ω
Output voltage on open circuit	7 - 12V DC
Measuring current	200mA DC min.
Accuracy	±1.5%rdg±5dgt(20Ω) ±1.5%rdg±3dgt(200/2000Ω)
<b>AC voltage</b>	
AC voltage range	0 - 600V AC
Accuracy	±5%rdg±3dgt
<b>General</b>	
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC)
Power source	R6(AA)(1.5V) × 8
Dimension	167(L) × 185(W) × 89(D)mm
Weight	Approx. 990g
Accessories	7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 8, 9121(Shoulder strap) Instruction manual

### Accessories



# MODEL 3131A



- Three insulation test ranges: 250V/100MΩ, 500V/200MΩ, 1000V/400MΩ
- LIVE circuit warning lamp plus audible warning
- Automatic discharge of circuit capacitance when TEST button is released
- Fuse protected (continuity range only)
- Battery check LED
- Zero adjustment on panel
- Backlight function to facilitate working at dimly lit situations
- PRESS TO TEST button with lock down feature

	3131A
<b>Insulation resistance</b>	
Test voltage	250/500/1000V
Measuring ranges (Mid-scale value)	100/200/400MΩ (1/2/4MΩ)
Output voltage on open circuit	Rated test voltage +20%, -0%
Nominal current	1mA DC min.
Output short circuit current	Approx. 1.3 mA DC
Accuracy	0.1 - 10/0.2 - 20/0.4 - 40MΩ (Accuracy guaranteed ranges) ±5% of indicated value
<b>Continuity</b>	
Measuring ranges (Mid-scale value)	2/20Ω (1/10Ω)
Output voltage on open circuit	4 - 9V DC
Measuring current	200mA DC min.
Accuracy	±3% of scale length
<b>General</b>	
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC)
Power source	R6(AA)(1.5V) × 6
Dimension	167(L) × 185(W) × 89(D)mm
Weight	Approx. 860g
Accessories	7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 6, 9121(Shoulder strap), Instruction manual

# MODEL 3132A

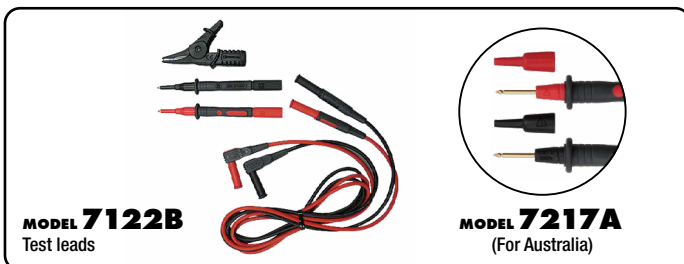


- Dust and Drip-proof construction (designed to IEC 60529 IP54)
- Designed to meet IEC 61010-1 and IEC 61557 safety standard
- 1mA rated test current at the minimum resistance
- 200mA measuring current on continuity testing
- Automatic discharge of circuit capacitance (Any charge stored in the circuit 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, R6 × 6 dry batteries

	3132A
<b>Insulation resistance</b>	
Test voltage	250/500/1000V
Measuring ranges (Mid-scale value)	100/200/400MΩ (1/2/4MΩ)
Output voltage on open circuit	Rated test voltage +20%, -0%
Nominal current	1mA DC min.
Output short circuit current	1 - 2mA DC
Accuracy	0.1 - 10/0.2 - 20/0.4 - 40MΩ (Accuracy guaranteed ranges) ±5% of indicated value
<b>Continuity</b>	
Measuring ranges (Mid-scale value)	3/500Ω (1.5/20Ω)
Output voltage on open circuit	Approx. 4.1V DC
Measuring current	210mA DC min.
Accuracy	±1.5% of scale length
<b>AC voltage</b>	
AC voltage range	0 - 600V AC
Accuracy	±5% of scale length
<b>General</b>	
Applicable Standards	IEC 61010-1 CAT III 600V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC)
Power source	R6(AA)(1.5V) × 6
Dimension	106(L) × 160(W) × 72(D)mm
Weight	Approx. 560g
Accessories	7122B(Test leads)*1, 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 6, 9121(Shoulder strap), Instruction manual

\*1 7217A(For Australia)

## Accessories



## Selection Guide

	3131A	3132A
3 range insulation test voltage	✓	✓
200mA continuity	✓	✓
Live circuit warning	✓	✓
AC voltage range		✓
Illuminated scale	✓	
Automatic discharge	✓	✓
IP54 rating	✓	✓

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in allen elektrischen und physikalischen Anwendungen**

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