

MODEL 3005A / 3007A

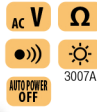


photo : 3007A

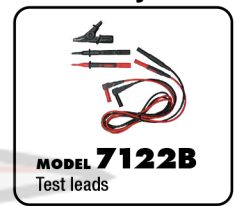
- Bar graph to display insulation resistance.
- Displays the value of external AC voltage along with flashing symbol.
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value.
- Trac-Lok mode to conserve battery life on insulation and continuity tests (Model 3007A only).
- Live circuit warning beeper.
- 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 (Model 3007A only).
- 200mA continuity measuring current to IEC 61557.
- Minimum 1mA current on insulation tests to IEC 61557.

	3005A/3007A	
Insulation resistance		
Test voltage	250V/500V/1000V	
Measuring ranges	20MΩ/200MΩ/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(20MΩ/200MΩ)	±10%rdg±3dgt(2000MΩ)
Continuity test		
Measuring ranges	20Ω/200Ω/2000Ω	
Output voltage on open circuit	7 - 12V DC	
Measuring current	200mA DC min.	
Accuracy	±1.5%rdg±5dgt(20Ω)	±1.5%rdg±3dgt(200Ω/2000Ω)
AC voltage		
AC voltage range	0 - 600V AC	
Accuracy	±5%rdg±3dgt	
General		
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61557-1/2/4 IEC 60529(IP54) IEC 61326-1(EMC)	
Power source	R6(AA)(1.5V) × 8	
Dimensions	167(L) × 185(W) × 89(D)mm	
Weight	990g approx.(3007A) 970g approx.(3005A)	
Accessories	7122B(Test leads), 9074(Cord case) 8923(Fuse[500mA/600V]) × 1 (included), 1 (spares) 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



KEW 3021A/3022A/3023A

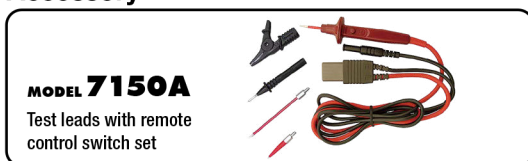


photo : 3021A

- Fast response and quick insulation test.
- 3 functions in one unit, insulation test with 4 voltage ranges, continuity test, AC voltage measurement.
- 200mA measuring current on continuity testing.
- Comparator function with PASS / FAIL and buzzer.
- 0Ω adjustment at continuity measuring range.
- Memory function up to 99 data.
- Backlight LCD provides easy reading in dark locations.
- Safety lock system prevents an erroneous operation

	3021A				3022A				3023A			
Insulation resistance												
Test voltage	125V	250V	500V	1000V	50V	100V	250V	500V	100V	250V	500V	1000V
Measuring range (Auto range)	4,000/40.00/200.0MΩ	4,000/40.00/400.0/2000MΩ			4,000/40.00/200.0MΩ	4,000/40.00/400.0/2000MΩ			4,000/40.00/200.0MΩ	4,000/40.00/400.0/2000MΩ		
First effective measuring range	0.2 - 20MΩ	0.2 - 40MΩ	0.2 - 200MΩ	0.2 - 1000MΩ	0.2 - 20MΩ	0.2 - 40MΩ	0.2 - 200MΩ	0.2 - 1000MΩ	0.2 - 20MΩ	0.2 - 40MΩ	0.2 - 200MΩ	0.2 - 1000MΩ
Mid-scale value	5MΩ		50MΩ		5MΩ		50MΩ		5MΩ		50MΩ	
Accuracy	±2%rdg±6dgt											
Second effective measuring range lower	0.110 - 0.199MΩ											
Second effective measuring range upper	20.01 - 200.0MΩ	40.01 - 2000MΩ	200.1 - 2000MΩ	1001 - 2000MΩ	20.01 - 200.0MΩ	40.01 - 2000MΩ	200.1 - 2000MΩ	1001 - 2000MΩ	20.01 - 200.0MΩ	40.01 - 2000MΩ	200.1 - 2000MΩ	1001 - 2000MΩ
Accuracy	±5%rdg±6dgt											
Rated current	DC 1 - 1.2mA											
Output short circuit current	1.5mA max											
Ω/Continuity												
Auto range	40.00/400.0Ω											
Accuracy	±2%rdg±8dgt											
Output voltage on open circuit	5V±20%											
Output short circuit current	DC 220±20mA											
Fuse	Quick acting ceramic fuse 0.5A/600V(φ6.35 × 32mm)											
AC voltage												
Range	AC 20 - 600V(50/60Hz) DC -20 - -600V/+20 - +600V											
Accuracy	±3%rdg±6dgt											
General												
Applicable Standards	IEC 61010-1 CAT III 600V IEC 61557-1,2,4 IEC 61326-1(EMC) IEC 60529(IP40)											
Dimensions / Weight	105(L) × 158(W) × 70(D)mm / 600g approx.											
Power source	R6 × 6 or LR6 × 6											
Accessories	7150A(Test Lead with remote control switch set), 8923(Fuse[0.5A/600V])× 1 (included), 1 (spares) 9121(Shoulder strap), R6(AA) × 6, Instruction manual											
Optional	8016(Hook type prod), 9089(Carrying case)											

Accessory



Optional Accessories



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+982144584619

+989034119385

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