

Digital Insulation / Continuity Tester

MODEL **3007A**

- Bargraph 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.
- 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.
- 200mA continuity measuring current to IEC 61557.
- Minimum 1mA current on insulation tests to IEC 61557.



Insulation Resistance	
Test Voltage	250V/500V/1000V
Measuring Ranges (Mid-scale Value)	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 (Mid-scale Value)	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	
Safety Standard	IEC 61010-1 CAT.III 300V Pollution Degree 2 IEC 61010-2-031 IEC 61557-1/2/4
IP Rating	IEC 60529-IP54
EMC Standard	IEC 61326-1
Withstand Voltage	3700V AC for 1 minute
Power Source	R6P (AA) (1.5V) × 8
Dimensions	185(L) × 167(W) × 89(D)mm
Weight	990g approx

Accessories

7122A (Test leads) Pouch for test leads
8923 (F500mA/600V fuse) x 2
R6P (AA) x 8
Shoulder Strap
Instruction Manual