



# Model 4103 IN

## Digital (Up to 5kV) Insulation Tester



### Features

- Microprocessor-controlled.
- Four insulation test voltages.
- Insulation resistance; auto ranging on all ranges.
- Measures insulation time test.
- Bargraph indicates test voltage; rise and decay can be observed during tests.
- Visual and audible warning if external voltage is present.
- EnerSave™ feature to extend battery life.
- 2 Lines × 16 characters large LCD.
- Low battery consumption.
- Low battery indicator.
- Overload protection.
- Auto-off.
- Show test time duration (up to 99.9s) for easy comparison.
- EEPROM calibration.

### Accessories

Instruction manual  
 Test leads  
 Shoulder belt  
 Batteries..

### Specifications

Test voltage (DC V)	0.5kV / 1kV / 2.5kV / 5kV
Measuring ranges (Auto-Ranges)	0-25GΩ / 0-50GΩ / 0-125GΩ / 0-250GΩ
Accuracy	±5% rdg
Output power limit	1W
Sealed with gasket	√
Insulation resistance between electrical circuit and housing: 2000MΩ / 2000V	√
Withstand voltage: 7000 Vac for one min. between electrical circuit and case	√
Operation temperature	-15°C to 55°C
Operation-humidity	80% Max. relative humidity
Dimensions	205(L) × 190(W) × 110(D)mm
Weight (battery included)	Approx. 1670g
Power source	1.5V(AA) × 8 Alkaline batteries
Safety standard	EN 61010-1, EN 61326-1



AL-50

AL-30B  
AL-30AG

AL-23CA R  
AL-23CA B