

# Digital (Up to 1kV) Insulation Tester



## 8005 IN

### FEATURES

- Microprocessor-controlled
- Four insulation test voltages(DC): 50V, 100V, 250V, 500V
- Maximum insulation measurement range: 200GΩ @500V
- 1mA test current on insulation test at nominal voltage
- Convenient hand strap for easier holding
- Large LCD (78 × 67mm)
- Auto-ranging
- Bar-graph indication
- Backlight function
- REL (Auto-null) function
- Auto AC/DC voltmeter
- Capacitor test
- Auto-test stop and smart hold functions
- Supplied with high quality test leads
- Safety standard:  
EN 61010-1 CAT III 600V  
IEC 61557-1 IEC 61557-2  
EN 61326-1

### SPECIFICATIONS

#### Insulation Resistance

Test voltage(DC V)	50V / 100V / 250V / 500V
Output voltage on open circuit	Rated test voltage +10%
Measuring ranges	0-20GΩ / 0-40GΩ / 0-100GΩ / 0-200GΩ
Accuracy	±(3%rdg+5dgt)
Output short-circuit current	≥1.0mA

#### AC/DC Voltage

Measuring ranges	200.0mV / 2000mV / 200.0V / 600V
Accuracy	±(3%rdg+5dgt)

#### Resistance

Measuring ranges	20.00kΩ / 200.0kΩ / 2000kΩ / 20.00MΩ
Accuracy	±(3%rdg+3dgt)

#### Continuity

Measuring ranges	20.00Ω / 200.0Ω / 2000Ω
Buzzer	under 10Ω
Open circuit voltage	5V±1V
Short circuit current	>210mA
Accuracy	±(3%rdg+5dgt)

#### Capacitor

Measuring ranges	200.0nF / 2000nF / 20.00uF
Accuracy	±(3%rdg+5dgt)

#### General

Operating temperature & humidity	0°~ 40°C, 80% Max.
Storage temperature & humidity	-10°~ 50°C, 80% Max.
Power source	1.5V(AA) × 6 Alkaline batteries
Dimensions	221(L) × 110(W) × 57(D)mm
Weight (battery included)	Approx. 666.5g
Accessories	Instruction manual Test leads Hand strap Carry case Alkaline batteries



Hand strap



AL-8010

BET-80XX