

Digital (Up to 1kV) Insulation Tester



8010 IN

FEATURES

- Microprocessor-controlled
- Four insulation test voltages(DC): 125V, 250V, 500V, 1000V
- Maximum insulation measurement range: 200GΩ @1000V
- 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
- AC/DC auto detection for 600V, 200.0V
- Press the "SELECT" button to select AC or DC for 200mV, 200.0mV
- 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(GΩ)

Test voltage(DC V)	125V / 250V / 500V / 1000V
Output voltage on open circuit	Rated test voltage +10%
Measuring ranges	0-25GΩ / 0-50GΩ / 0-100GΩ / 0-200GΩ
Accuracy	±(3%rdg+5dgt)
Output short-circuit current	≥1.0mA

AC/DC Voltage

Measuring ranges	600V	AC/DC auto detection
	200.0V	
	2000mV	AC/DC manual select
	200.0mV	
Accuracy	±(3%rdg+5dgt)	

※ 600V position: 600V / 200.0V auto range
2000mV position: 2000mV / 200.0mV auto range

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. 677.5g
Accessories	Instruction manual Test leads Hand strap Carry case Alkaline batteries



Hand strap



AL-8010

BET-80XX