

## 數位絕緣阻抗計

### DIGITAL INSULATION TESTERS

- 吊線式高品質防震錶頭
- 絕緣阻抗三檔量測電壓：250V、500V、1000V
- 兩檔導通測試：  
0-3Ω：供低阻抗量測  
0-500Ω
- 絕緣阻抗量測推動電流大於1mA
- 外來電壓紅色燈(LED)警示
- 關機後自動放電
- 檢查電源大小功能設計
- 電池能量消耗量低
- 彩色刻度板有反射鏡設計便於識讀
- 使用測試旋鈕可作長時間量測
- 保險絲保護設計
- 符合IEC 61010-1 CAT III 600V
- 符合英國第16版本(BS16<sup>th</sup>)



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### 電氣規格(23±5°C ≤ 80%RH)

#### 絕緣阻抗(MΩ)

量測檔位	250V	500V	1000V
量測電壓最大容許	額定電壓+10%		
量測範圍	0-100MΩ	0-200MΩ	0-400MΩ
中央刻度	1MΩ	2MΩ	4MΩ
刻度板識讀	x 1/2	x 1	x 2
量測推動電流	1.3mA 直流電流		
準確度	± 3%刻度指示值		

#### 導通測試(Ω)

量測檔位	0-3Ω / 0-500Ω
短路電流輸出	± 210mA
準確度	± 1.5%刻度長

#### 交流電壓(ACV)

量測範圍	0-600V 交流電壓
準確度	± 3%刻度長

#### 一般敘述

外來電壓警示	外來電壓交流電壓 70V / 直流電壓 90V 時，紅燈(LED)亮，蜂鳴器響應在 24V 交直流電壓輸入時。
檢查電池能量	8V-13V 時指針會指示在 OK 範圍內，在量測時電池 OK(在 6.5V 以上)燈會亮
使用電池	1.5V(AA) x 8(顆)
外形尺寸	175(長) x 85(寬) x 75(高)mm
重量	約 650 克(含電池)
附件	測試線 x 1(組)、說明書 x 1(本)、肩帶 x 1(條)、軟袋 x 1(個)、電池、保險絲(0.5A,250V) x 1(支)



# STANDARD

# Test & Measuring Instruments

## FEATURES

- High quality Taut Band movement.
- Three insulation test voltages (DC): 250V, 500V, 1000V.
- Two continuity tests on low ohms: 500Ω & 3Ω.
- Small and lightweight.
- AC voltmeter with linear scale up to 600 Vac.
- 205mA continuity short circuit current.
- 1mA test current on insulation test at nominal voltage.
- Automatic discharge of capacitance and inductive circuit with charge stored in the circuit under test.
- Live warning and display of external voltage presence.
- Fuse, air gap, and overload protected.
- On line battery monitoring shows if battery is ok.
- Very low battery consumption.
- On-Load battery check (240mA load for worst case).
- Mirror scale.
- Push and turn locking switch for long and hand free testing.
- IEC 1010 CAT III 600V.
- BS 16<sup>th</sup> edition.



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## SPECIFICATIONS

### Insulation Resistance

Test Voltage (DC V)	250V	500V	1000V
Output Ranges on open circuit	Rated test Voltage+10%		
Measuring Ranges	0-100MΩ	0-200MΩ	0-400MΩ
Mid-Scale Valve	1MΩ	2MΩ	4MΩ
Scale Multiplier	x1/2	x1	x2
Accuracy	±3% of indicated value		
Output Short-Circuit Current	1.3mA		

### Continuity

Measuring Ranges	3Ω/500Ω
Output Short-Circuit Current	205mA
Accuracy	±1.5% of scale length

### AC Voltage

AC Voltage Range	0-600V AC
Accuracy	±3% of scale length

### General

Voltage Warning	Warning light circuit live lit From 90Vdc/70Vac Buzzer beep from 24Vac/dc
Battery Check	Battery check indicate good batteries from 8Vdc to 13Vdc during a load test of 240mA
Battery OK	Battery OK Led from 8Vdc and is operative while testing
Power source	1.5V(SUM-3) x 8. Type AA.
Dimension	175(L) x 85(W) x 75(D)mm
Weight	Approx. 650g(battery included)
Accessories	Test leads Fuse(0.5A 250V) Carrying case Instruction manual Batteries



TEL-AL11-5

BET-1800

CAC-1151

120(L)x110(w)x210(D)mm

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