

## 指針絕緣阻抗計

### ANALOG INSULATION TESTERS

- 吊線式高品質防震表頭
- 絕緣阻抗三檔量測電壓：250V、500V、1000V
- 兩檔導通測試：  
0-3Ω(低Ω量測)  
0-500Ω
- 絕緣阻抗量測推動電流不小於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
- 電池能量消耗量低
- 刻度板有反射鏡
- 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(BS 16<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

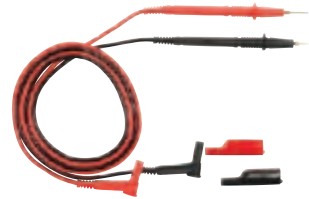
#### 一般敘述

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(SUM-3)*8(顆)
外形尺寸	250(長)*190(寬)*110(高)公厘
重量	約 1485 克(含電池)
附件	測試線*1(組)·說明書*1(本)·肩帶*1(條)·電池保險絲(0.5A,250V)*1(支)

## ANALOG INSULATION TESTER (1kV below)



Test leads



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### FEATURES

- High quality Taut Band movement.
- Three insulation test voltages :
  - 1- 250Vdc -100M $\Omega$
  - 2- 500Vdc -200M $\Omega$
  - 3- 1000Vdc -400M $\Omega$
- Two continuity test on "Low Ohms" :
  - 1- 500 $\Omega$
  - 2- 3 $\Omega$
- Small and lightweight, all in one case (do not need bag).
- AC voltmeter with linear scale up to 600 Vac.
- 200mA 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, crowbar and overload protected.
- On line battery monitoring shows if battery is ok.
- Very low battery consumption.
- On-Load battery check (+/205mA load for worst case).
- Operates on 8 dry batteries AA, R6P type.
- Mirror scale.
- Push and turn locking switch for long and hand free testing.
- Designed to meet international standards.
- Supplied with High Quality test leads.
- Designed to meet IEC 1010-1 CAT III 600V safety standard.
- BS 16<sup>th</sup> edition.

### SPECIFICATIONS

#### Insulation Resistance

Test Voltage (DC V)	250V	500V	1000V
Output Ranges on open circuit	Rated test Voltage +10%		
Mirror Scale	100M $\Omega$	200M $\Omega$	400M $\Omega$
Scale Multiplier	X 1/2	X 1	X 2
Mid-Scale	1M $\Omega$	2M $\Omega$	4M $\Omega$
Accuracy	$\pm 5\%$		
Output Short-Circuit Current	$\pm 1.3mA$		

#### Continuity

Low $\Omega$	0-3 $\Omega$ / 0-500 $\Omega$
Output Short-Circuit Current	$\geq 210mA$
Accuracy	$\pm 1.0\%$ of scale length
Test leads / Fuse Zero $\Omega$ Adjustment by knob	

#### AC Voltage

AC Voltage Range	0-600VAC
Accuracy	$\pm 3\%$ 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 205mA
Battery OK	Battery OK Led lit from 6.5Vdc and is operative while testing
Power Source	1.5V (SUM-3) x 8. Type AA
Dimension	250(L) x 190(W) x 110(D)mm
Weight	Approx.1485g(battery included)
Accessories	Test leads (AL-24A) Fuse 0.5A 250V Shoulder belt Instruction manual Batteries



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