

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(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 16th)



CE

2732 IN

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)*6(顆)
外形尺寸	205(長)*90(寬)*55(高)公厘
重量	約 550 克(含電池)
附件	測試線*1(組)·說明書*1(本)·肩帶*1(條)·攜帶箱*1(個)·電池保險絲(0.5A,250V)*1(支)



STANDARD

Test & Measuring Instruments

ANALOG INSULATION TESTER (1kV below)



CE

2732 IN

FEATURES

- High quality Taut Band movement.
- Three insulation test voltage :
 1. 250Vdc - 100MΩ
 2. 500Vdc - 200MΩ
 3. 1000Vdc - 400MΩ
- Two Continuity Test on "Low Ohms".
 1. 500Ω
 2. 3Ω
- Small and Lightweight, "all in one" case (do not need bag).
- AC voltmeter with linear scale up to 600Vac.
- 200mA continuity short circuit test current.
- 1mA test current on insulation test at nominal voltage.
- Automatic discharge of capacitance and inductive circuit off 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 6 dry batteries AA, R6P type.
- Mirror scale.
- Push and Turn locking switch for long and hand free testing.
- IEC/EN 61010-1 CAT III 600V

SPECIFICATIONS

Insulation Resistance

Test Voltage (DCV)	250V	500V	1000V
Output Voltage Open Circuit	+10%		
Measuring Ranges	0 ~ 100MΩ	0 ~ 200MΩ	0 ~ 400MΩ
Mid-scale Valve	1MΩ	2MΩ	4MΩ
Scale Multiplier	x1/2	x1	x2
Accuracy	± 5% of full scale		
Output Current	±1.3mA		

Continuity

Measuring Ranges	3 / 500Ω
Output Short-Circuit Current	≥ 210mA
Accuracy	±1% of scale length

AC Voltage

Measuring Ranges	0 ~ 600V
Accuracy	±3% of scale length

General

Voltage Warning	Warning light circuit live lit from 90Vac / 70Vdc 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.
Dimensions	205(L) x 90(W) x 55(D)mm
Weight	Approx. 550g (battery included)
Power Source	1.5V SUM-3 (R6P) x 6 or equivalent
Accessories	Test leads (TEL-AL11-A) Fuse (0.5A, 250V) Heavy-duty case Instruction manual Batteries

Test leads



STANDARD ELECTRIC WORKS CO., LTD.
5F.,NO.105, Jhongcheng Rd., Tucheng Dist.,
New Taipei City 23674, Taiwan (R.O.C.)

TEL: 886-2-22681528 FAX: 886-2-22681529
http://www.sew.com.tw e-mail: sales@sew.com.tw

<http://www.sew.com.tw>