

數位絕緣阻抗計

DIGITAL INSULATION TESTER



CE

ST-2550



CE

ST-2551

- 可做絕緣阻抗(MΩ)、導通測試(Ω)和交流電壓量測(ACV)。
- 壓下" PUSH ON "和" TIMER ON "可作長時間量測，約3至5分鐘後，自動關機，避免耗費電源。
- 在量測進行中，紅燈(LED)會點亮。
- 自動換檔。
- 符合IEC 1010 CAT II 600V。

電氣規格(23±5°C ≤ 80%RH)

絕緣阻抗(MΩ)

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量測檔位	250V / 500V / 1000V	250V / 500V / 1000V
量測電壓最大容許	額定值+10%	額定值+10%
量測範圍 (自動換檔)	0-20MΩ / 0-200MΩ / 0-2000MΩ	0-20MΩ / 0-200MΩ / 0-2000MΩ
精確度	20MΩ : ±(1.5%讀值+2位數) 200MΩ : ±(2.5%讀值+2位數) 2000MΩ : ±(5%讀值+3位數)	20MΩ : ±(1.5%讀值+2位數) 200MΩ : ±(2.5%讀值+2位數) 2000MΩ : ±(5%讀值+2位數)

導通測試(Ω)

量測檔位	200Ω	20Ω / 200Ω / 2000Ω
短路電流	3mA	3mA
精確度	±(1.5%讀值+2位數)	20Ω : ±(2%讀值+4位數) 200Ω : ±(1.5%讀值+2位數) 2000Ω : ±(1.5%讀值+2位數)
蜂鳴器響應	10Ω	8Ω / 10Ω / 50Ω

交流電壓(ACV)

量測範圍	0-600V	0-600V
精確度	±(1.5%讀值+2位數)	±(1.5%讀值+2位數)

一般敘述

液晶顯示器(LCD)	3 1/2 位(最大指示 1999)	3 1/2 位(最大指示 1999)
使用電池	1.5V(SUM-3)*6(顆)	1.5V(SUM-3)*6(顆)
外形尺寸	163(長)*100(寬)*50(高)公厘	163(長)*100(寬)*50(高)公厘
重量	約 440 克(含電池)	約 480 克(含電池)
附件	測試線*1(組) 說明書*1(本) 攜帶箱*1(個) 電池	測試線*1(組) 說明書*1(本) 攜帶箱*1(個) 電池

DIGITAL INSULATION TESTER (1kV below)

ST-2550
FEATURES

- The ST-2550 is a LCD indicated instrument for testing insulation ($M\Omega$), continuity (Ω) and AC voltage.
- Instant operation is possible with a pushbutton. In addition, for continuous measurement of $M\Omega$, Ω or ACV, a convenient timer is provided with automatic power off after three to five minutes to save the battery power.
- LED (red) indication works when testing insulation, continuity and voltage.
- Use a high efficiency and accurate DC-DC converter.
- Auto ranging.
- Heavy case.
- Most suitable for insulation resistance measurement of electrical household appliances, power line distribution and installation.
- IEC 1010 CAT II 600V

SPECIFICATIONS
Insulation Resistance

Test Voltage (DC V)	250V/500V/1000V
Output Voltage Open Circuit	+10%
Measuring Ranges	0-20M Ω /0-200M Ω /0-2000M Ω
Accuracy	20M Ω : \pm (1.5%rdg+2dgt) 200M Ω : \pm (2.5%rdg+2dgt) 2000M Ω : \pm (5%rdg+3dgt)

Continuity

Measuring Ranges	200 Ω
Short Circuit Current	3mA
Accuracy	\pm (1.5%rdg+2dgt)
Buzzer Sounds Below	10 Ω

AC Voltage

AC Voltage Range	0-600V AC
Accuracy	\pm (1.5%rdg+2dgt)

General

Display	LCD 3 $\frac{1}{2}$ (2000counts)
Impedance	10M Ω
Power Source	1.5V(SUM-3) \times 6
Dimensions	163(L) \times 100(W) \times 50(D)mm
Weight	Approx. 440g (battery included)
Accessories	Test leads (AL-24SA) Instruction manual Heavy-duty case Batteries