

指針絕緣阻抗計

ANALOG INSULATION TESTER



CE

ST-1503



CE

ST-1504

- 吊線式高品質防震錶頭。
- 可做絕緣阻抗(MΩ)、導通測試(Ω)和 交流電壓量測(ACV)。
- 絕緣阻抗三檔量測電壓：250V、500V、1000V。
- 量測MΩ和Ω時，同時壓下："PUSH-ON"和"TIMER ON"可作長時間量測，約5分鐘後自動關機。
- 量測MΩ和Ω時，紅燈(LED)會亮，顯示正在執行工作。
- 輕巧堅固，方便使用和儲存。
- 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	500V / 1000V	250V / 500V / 1000V
量測電壓最容許	+10%	+10%
量測範圍	0-1000MΩ / 0-2000MΩ (20MΩ) (40MΩ)	0-100MΩ / 0-200MΩ / 0-400MΩ (1MΩ) (2MΩ) (4MΩ)
精確度	±5%刻度長	±5%刻度長
短路電流	1mA	2mA

導通測試(Ω)

量測檔位	0-100Ω	0-100Ω
精確度	50mA	50mA
短路電流	±5%刻度長	±5%刻度長

交流電壓(ACV)

量測範圍	0-600V	0-600V
精確度	±2.5%滿刻度	±2.5%滿刻度

一般敘述

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 470 克(含電池)
附件	測試線*1(組) 說明書*1(本) 攜帶箱*1(個) 電池	

ANALOG INSULATION TESTER (1kV below)

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FEATURES

- High quality Taut Band movement.
- It is a light and portable combination instrument for testing insulation ($M\Omega$), continuity (Ω) and AC voltage.
- Instant operation is possible with a pushbutton. In addition, for continuous measurement of $M\Omega$ or Ω , 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 and continuity.
- Use a high efficiency and accurate DC-DC converter.
- 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)	500V/1000V
Output Voltage on Open Circuit	+10%
Measuring Ranges (Mid-scale value)	0-1000M Ω / 0-2000M Ω (20M Ω) (40M Ω)
Accuracy	$\pm 5\%$ of scale length
Short Circuit Current	1mA
Maximum Battery Current	Approx. 80mA(500V) 150mA(1000V)

Continuity

Measuring Range	0-100 Ω
Line Frequency Range	40-70Hz
Open Circuit Voltage	100mV
Short Circuit Current	50mA
Accuracy	$\pm 5\%$ of scale length

AC Voltage

AC Voltage Range	0-600V AC
Accuracy	$\pm 2.5\%$ of full scale

General

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