

指針接地電阻計

ANALOG EARTH RESISTANCE TESTER

- 吊線式高品質防震表頭。
- 可量測接地電阻(Ω)和接地電壓(ACV)。
- 量測電流僅有2mA，不會影響漏電斷路器的跳脫。
- 可作三線式量測或兩線式量測。
- 電池能量指示。
- 使用電池操作。
- 符合EN/IEC 61010-1 CAT III 30V。
- 請使用提供的測試線測試。



CE

2105 ER

電氣規格(23±5°C ≤ 80%RH)

量測檔位	接地電阻：0-10 Ω / 0-100 Ω / 0-1000 Ω 接地電壓：0-30V AC(40-500Hz)
準確度	接地電阻：±3%滿刻度 接地電壓：±2.5%滿刻度
量測系統	820Hz 2mA 定電流
接線正確量測接地電阻	紅燈(LED)會亮著
使用電池	1.5V(SUM-3)*8(顆)
外形尺寸	210(長)*210(寬)*100(高)公厘
重量	約 1370 克(含電池)
附件	測試線：紅色-15 公尺·黃色-10 公尺·綠色-5 公尺 簡易測試線*1(條) 輔助接地棒*2(支) 說明書*1(本) 肩帶*1(條) 電池



CE

2120 ER

FEATURES

- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit under test.
- The leads are supplied as standard accessories for simplified two-wire measuring system.
- 0Ω adjustment.
- Data hold function.
- Battery operated.
- Battery life indicator.
- Designed to meet EN 61010-1 CAT III 200V. IEC 61557-1 IEC 61557-5 EN 61326-1

● **Calibration performed with supplied test leads.**

SPECIFICATIONS

Measuring Ranges	Earth Resistance 0-20Ω/0-200Ω /0-2000Ω Earth Voltage 0-200V AC (40-500Hz)
Accuracy	Earth Resistance ±(2% rdg+2dgt) or ±0.1Ω, which is greater Earth Voltage ±(1% rdg+2dgt)
Earth Resistance Resolution	0-20 Ω (0.01 Ω) 0-200 Ω (0.1 Ω) 0-2000 Ω (1 Ω)
Measuring System	Earth Resistance by constant current inverter 820Hz approx. 2mA.
Display	LCD 3-1/2digit (2000 counts)
Open Circuit Indication	LED will be unlit
Low Battery Indication	"" symbol appears on the display
Data Hold Indication	"" symbol appears on the display
Over Range Indication	"1" (MSD)
Power Source	1.5V (AA) x 8. or equivalent
Dimensions	210(L) x 210(W) x 100(D)mm
Weight	Approx.1395g (battery included)
Accessories	Test leads (AL-36 : red-15m , yellow-10m , green-5m) Simplified measurement probe.(AL-33) Auxiliary earth spikes. Shoulder belt. Instruction manual. Batteries.



CE

2105 ER

FEATURES

- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit under test.
- The leads are supplied as standard accessories for simplified two-wire measuring system.
- Battery operated.
- Battery life indicator.
- Designed to meet EN 61010-1 CAT III 30V. EN 61326-1

● **Calibration performed with supplied test leads.**

SPECIFICATIONS

Measuring Ranges	Earth Resistance 0-120Ω-1200Ω/0-1200Ω Earth Voltage 0-30V ac (40-500Hz)
Accuracy	Earth Resistance ±3% of full scale Earth Voltage ±2.5% of full scale
Measuring System	Earth resistance by constant current inverter(Square Signal) 820Hz approx. 2mA
Power Source	1.5V (AA) x 8 or equivalent
Dimensions	210(L) x 210(W) x 100(D)mm
Weight	Approx.1370g (battery included)
Accessories	Test leads (AL-36 : red-15m , yellow-10m , green-5m) Simplified measurement probe. (AL-33) Auxiliary earth spikes. Shoulder belt. Instruction manual. Batteries.

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