

## 數位接地電阻計

### DIGITAL EARTH RESISTANCE TESTER

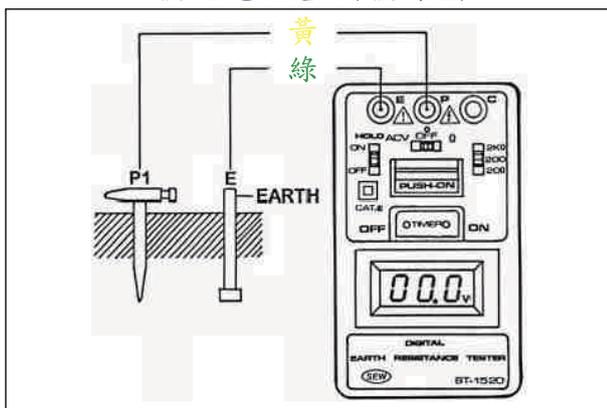
- 量測接地電阻( $\Omega$ )和接地電壓(ACV)。
- 量測電流僅有2mA，不會影響漏電斷路器的跳脫。
- 同時按下"PUSH ON"和"TIMER ON"可作長時間的量測，約5分鐘後，自動關機，可避免浪費電源。
- 接線正確，在量測時紅燈(LED)會顯示。
- 數值鎖定功能。
- 方便使用、攜帶和保存。
- 使用電池操作。
- 安規標準：符合IEC 1010 CAT III 200V。



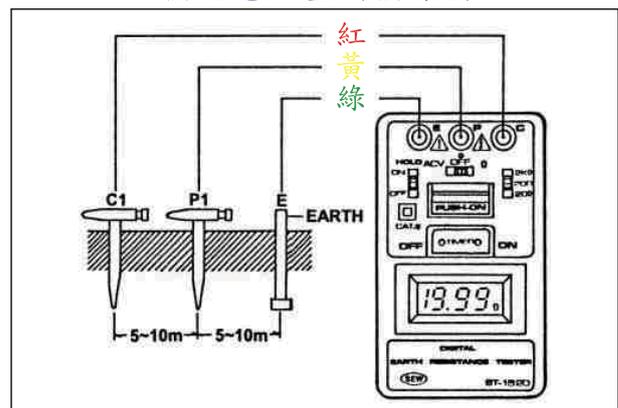
### 電氣規格(23°C±5°C ≤80%RH)

量測檔位	接地電壓：0-200V AC(40-500Hz) 接地電阻：20 $\Omega$ / 200 $\Omega$ / 2000 $\Omega$
準確度	接地電壓：±(1%讀值+2位數) 接地電阻：±(2%讀值+2位數)或±0.1 $\Omega$
接地電阻解析度	20 $\Omega$ ：0.01 $\Omega$ 200 $\Omega$ ：0.1 $\Omega$ 2000 $\Omega$ ：1 $\Omega$
量測系統	820Hz 2mA 定電流
電源不足指示	顯示符號"B"
數值鎖定指示	顯示符號"DH"
顯示器	液晶顯示(LCD)3 1/2(最大讀值 1999)
使用電池	1.5V(SUM-3)*6(顆)
外形尺寸	163(長)*100(寬)*50(高)公厘
重量	約 480 克(含電池)
附件	測試線：紅色-15公尺·黃色-10公尺·綠色-5公尺 輔助接地棒*2(支) 說明書*1(本) 攜帶箱*1(個) 電池*6(顆)

接地電壓量測接線圖



接地電阻量測接線圖



## DIGITAL EARTH RESISTANCE TESTER



**ST-1520**

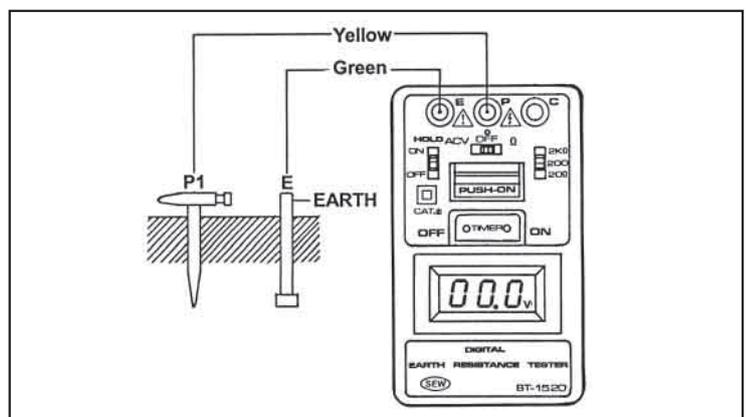
### SPECIFICATIONS

Measurement 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	0-20Ω (0.01Ω) 0-200Ω (0.1Ω) 0-2000Ω (1Ω)
Measurement System	Earth resistance by constant current inverter 820Hz approx. 2mA.
Low Battery Indication	"B" symbol appears on the display
Data Hold Indication	"DH" symbol appears on the display
Over Range Indication	"1" (MSD)
Open Circuit Indication	LED will be unlit
Display LCD	3½ digit(2000 counts)
Power Source	1.5V(SUM-3)×6. Type AA.
Dimensions	163(L)×100(W)×50(D)mm
Weight	480g approx.(battery included)
Accessories	Test leads (AL-36: red-15m yellow-10m green-5m) Auxiliary earth bars. Heavy-duty case Instruction manual Batteries

### FEATURES

- Capable of measuring earth voltage (Vac).
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current circuit breakers in the circuit.
- Auto power off function. The timer operates automatically about three to five minutes after pressing the "PUSH BUTTON SWITCH" and "TIMER ON BUTTON" are pressed together. This will keep the test "ON" for about three to five minutes. Then auto power off.
- Battery operated.
- Data hold function.
- Small and light weight.
- IEC 1010 CAT III 200V
- *Calibration performed with supplied test leads.*

### Earth Voltage Measurement



### Earth Resistance Measurement

