

纜線追蹤器與電話檢測計
CABLE TRACER AND
PHONE TESTER / GENERATOR



183 CB

183CB是纜線追蹤器和電話系統檢測計，雙功能的組合。它有三個部份：音頻接受器(183CB-A)、音頻發射器(183CB-TFG內)和電話系統檢測計(183CB-TFG內)。音頻接受器和音頻發射器搭配使用時，在不破壞纜線絕緣體的狀況下，辨識和追蹤集團線中之電話線或其他導線。

電話系統檢測計則可檢查電話系統中之導通狀況、電阻、直流電壓(DCV)、交流電壓(ACV)、電容和二極體，藉著判別結果，進行維修電話。

規格

音頻接受器 (183CB-A)	頻率範圍 感應接收距離	1Hz~12kHz <50公分
音頻發射器 (183CB-TFG)	波形 頻率 過載保護 音頻速率	方波 1kHz±15% 80V DC 快與慢兩種選擇
電話系統 檢測計	U測試 I測試 Ω測試	<4.75V <2mA 0~2MΩ

特點

- 音頻接受器(183CB-A)
 1. 具可調式音量控制鈕，依工作環境需要，選擇聲音大小。
 2. 外端接點，可與電話筒連接，方便接線人員操作。
 3. 使用之操作開關，利於節省電力，延長電池壽命。
 4. 連線操作，電池使用壽命約100小時。
 - 音頻產生器(183CB-TFG)
 1. 具有紅黑測試線夾，一個四線電話接頭。
 2. 裝有一個搖頭開關，兩個雙色指示燈，顯示狀況以供判別。
 3. 機殼內部含有一個音調選擇開關。
 4. 量測具有電話插座的集團線，可運用電話接頭內的紅線和綠線，不可連接至超過交流電壓(ACV)24V之線路(Circuit)上使用。
 - 電話系統檢測計(183CB-TFG)
 1. 可以作導通測試和電阻檢測。
 2. 檢查直流電壓和交流電壓。
 3. 可檢測電容。
 4. 可以檢測二極體。
 5. 以喇叭和LED來顯示電話系統檢測的情形，以判別電話系統的狀況。
- ※纜線追蹤器可參考180CB。



STANDARD

Model : 183 CB

CABLE TRACER AND PHONE TESTER / GENERATOR



The functions of Phone Tester:

- Continuity and resistance testing of voltage free objects.
- Check direct and alternating voltages.
- Testing capacitors.
- Testing diodes.
- Testing transistors.
- Power ON/OFF switch for Test-Phone functions.
- The indication of the LED lamp and buzzer sound occur at the same time.
- The LED indication for Power ON status.

SPECIFICATIONS

Amplifier Probe (183 CB-A)	Frequency Detection Receiver Distance Sensitivity Control	1Hz~12kHz < 50cm
Tone Generator (183 CB-TFG)	Waveform Frequency Over voltage Protection Alternating Tone Connection	Square Wave 1kHz ±15% 80V DC Fast and slow RJ11 connector
Phone Tester (183 CB-TFG)	U test I test Resistance	< 4.75V < 2mA 0~2M

General

Operating Temperature & Humidity	0°C ~ 40°C, 80% Max
Storage Temperature & Humidity	-10°C ~ 50°C, 80% Max
Power Source	Amplifier Probe: 9V battery Phone Tester / Generator: 1.5V AA batteryx6
Dimensions	Amplifier Probe: 270(L) x 50(W) x 25(H)mm Phone Tester / Generator: 143 (L) x 74.5 (W) x 33.6 (H)mm
Weight	Amplifier Probe: 125g(battery included) Phone Tester / Generator: g (batteries included)
Safety Standard	EN61326-1 EN55011 EN61000-4-2 EN61000-4-3
Accessories	Instruction manual Batteries Carry pouch

AMPLIFIER PROBE (183 CB-A)

- The Amplifier Probe is designed to identify and trace wires or cables within a group without damaging the insulation.
- Works with any Tone Generator to identify wires.
- Volume control for increased sensitivity and adjustable to suit various work environments.
- Recessed ON/OFF button prevents battery drain.
- Power supply is in any 9V battery with a life of approximately 100 hours.
- A phone jack is designed for headset or handset.

PHONE TESTER / GENERATOR (183 CB-TFG)

The functions of Tone Generator:

- Phone Tester / Generator is a great tool for locating and identifying cable pairs or individual conductors.
- 183CB-TFG does not only provide the function of a tone generator, but also serves as a continuity and polarity tester.
- A tone selector switch located inside the unit for selection of the fast tone or slow tone.
- Two bi-colored LEDs for Line1 and Line 2 indication of the polarities of the telephone lines.
- The unit has alligator-type terminals and a modular cable of 4 conductors with a strong Connector.
- The tone and continuity functions are only applied to Line1. (modular connector)



STANDARD ELECTRIC WORKS CO.,LTD.

5F.,NO.105,JHONGCHENG RD.,TUCHENG DISTRICT,XINBEI CITY 23674,TAIWAN(R.O.C.)

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

<http://www.51082245.com/sew.htm>