

Instruction Manual

Dual Wrist Strap and Footwear Tester

(CWST3)



Registered at Cardiff No. 2933918
Registered Office: Bondline Electronics, Unit 4,
Rivermead Industrial Estate, Rivermead Drive,
Swindon, Wiltshire, SN5 7EX

Introduction

Thank you for purchasing a Dual Wrist Strap and Footwear Tester. Please read this instruction manual in great detail before operating the device. Keep this manual readily accessible for later reference.

Description

A unique checker that quickly and easily measures the resistance of fitted wrist straps at 750K Ω to 35M Ω and footwear/heel straps at 100K Ω to 100M Ω . There are three settings: wrist strap only test, footwear only test and also the dual test feature where you can test your wrist strap and footwear at the same time. The unit is in accordance to the current IEC 61340-5-1 specification. CE and UKCA approved.

Included In The Kit

- Test unit (CWST3)
- Wall mounting board
- 6ft (1.8m) cord (0 meg-ohm)
- 6 inch (150mm) cord (0 meg-ohm)
- Dual footplate
- 9 volt PP3 alkaline battery



Wrist-Strap Test Guidance ONLY

Firstly, ensure the black toggle switch located on the front of the tester is moved all the way DOWN for wrist-strap test only. When testing the wrist-strap, the operator simply connects to the wrist-strap via the 4mm banana plug socket or 10mm stud. To test, make finger contact with both stainless steel discs that are located on the left-hand side of the front of the meter. If the wrist-strap is working correctly within the specification, the green LED for wrist-strap pass will illuminate. An audible buzzer will sound if the red fail LED illuminates. If the resistance through the coil cord, wrist-band and person exceeds 35 meg-ohms, the high red fail LED will light. If the resistance is below 750 kil-ohms, the low red fail LED will light.

Dual Footwear Test Guidance ONLY

Firstly, ensure the black toggle switch located on the front of the tester is moved all the way UP for dual footwear test only. Ensure that the footplate lead is connected to the footplate socket located at the bottom of the meter. To test, make finger contact with both stainless steel discs that are located on the left-hand side of the front of the meter whilst standing on the left and right footplates. If your footwear is working correctly and within the specification, the green LED for footwear pass will illuminate. If your footwear is not working within the specification, the red LED for the footwear either left, right or both will illuminate for fail. An audible buzzer will sound if any of the red fail LEDs illuminate. If the resistance through the footwear and the person exceeds 100 meg-ohms, the red high fail LED will light. If the resistance is below 100 kil-ohms, the red low fail LED will illuminate.

Wrist-Strap and Footwear Test Guidance TOGETHER

Ensure the black toggle switch is moved into the middle for dual test. Repeat the steps above to test both at the same time. Powered by a 9 volt PP3 alkaline battery. If the 9 volt PP3 battery falls below 6.5 volts during test, the yellow battery low LED will not illuminate.