

# Dual ESD Footwear and Wrist-Strap Tester

CWST3

## Description

Bondline's unique, new combination Dual ESD Footwear and Wrist-Strap Tester gives the user the ability to not only test their wrist strap but also their footwear (both feet) at the same time. This unit quickly measures the resistance of fitted wrist straps, and with the optional footwear plate fitted, heel straps and ESD shoes with ease. 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 will pass equipment within the range of 750KΩ to 35MΩ, meeting the EN IEC 61340-5-1 specification. The ESD wrist-strap test unit is wall mounted and is sold as a complete set with a calibration certificate. Our Dual ESD Footwear and Wrist-Strap Tester is manufactured in the United Kingdom and is CE approved.

## Key Features

- Wrist Strap Test between 750 Kilohms – 35 Megohms.
- Footwear Test between 100 Kilohms – 100 Megohms.
- Alternative test limits on request.
- Various wrist strap connections: 10mm stud and 4mm banana socket.
- Included in the kit: Test unit, wall mounting board, 6 inch (150mm) cord (0 meg-ohm), 6 ft (1.8m) cord (0 meg-ohm), dual footplate, 9V battery.
- Sold as a complete set with calibration certificate.
- Calibration required annually.
- Full calibration service available with Bondline.
- UK manufactured.
- Customisable: Private labelling, colours, logos, backboards and specific resistance ranges can be made on request.
- Manufactured to the very highest quality allowing qualification to council directives 89/336/EEC.
- ESD Susceptibility Symbol printed on backboard.
- Compliant to IEC 61340-5-1, CE, UKCA, RoHS and REACH standards.



Manufactured in the UK



Product Code	Description
CWST3	Test unit, wall mounting board, 6 inch (150mm) cord (0 meg-ohm), 6 ft (1.8m) cord (0 meg-ohm), dual footplate, 9V battery.

## Standards & Regulations Met:

	RoHS compliant
	REACH compliant
	European Conformity
	IEC 61340-5-1
	UK Conformity Assessed

Manufactured to the very highest quality allowing qualification to council directives 89/336/EEC.

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Properties	Typical Values
Power Supply	9 volt PP3 alkaline battery
Temperature Operating Range	Operating 5°C to 49°C (40°F to 120°F) Storage -15°C to +60°C
Relative Humidity	0% to 90% (non-condensing)
Accuracy	+/- 10%
Repeatability	+/- 10%
Weight	500g (tester only)
Dimensions of Tester	91 x 31.8 x 146 mm
Lower Limit	750k +/- 10%
Upper Limit	35 Meg +/- 10%
Test Voltage	Nominal 100 volts
Wall-Plate Material	Foamex
Dual Footplate Material	Foamex and Stainless Steel

## Customisation

If you would like to customise your Dual ESD Footwear and Wrist-Strap Tester, please make an enquiry to Bondline.

### Customisation options:

- Private labelling
- Customised logos
- Customised backboards
- Colours
- Alternative test limits on request

# Dual ESD Footwear and Wrist-Strap Tester

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## Wrist-Strap Test Guidance ONLY

Firstly, ensure the black toggle switch is 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 for fail. 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.

# Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary,  
no obligation advice by  
speaking with one of  
our technical experts  
today.

