

# ESD Wrist-Strap Tester

WST1

## Description

Bondline's ESD Wrist Strap Tester is reliable and accurate, providing precise readings. The ESD Wrist Strap Tester is portable and checks the continuity of fitted anti-static wrist straps and cords worn by a user. The unit has a banana socket, 10mm stud and a single test range of 0.75 meg-ohm to 35 meg-ohm (other resistance ranges available on request). The instrument has a green light for PASS (i.e. resistance between 0.75 meg-ohm and 35 meg-ohm) and 2 red lights which indicate either HIGH resistance fail or LOW resistance fail. A buzzer sounds in any fail situation. The wrist strap tester is easy to use and can be customised with logos or other resistance ranges on request. A 1 year calibration certificate is provided upon purchase and a full calibration service can also be requested. Calibration is recommended annually. Please note a 9V battery is required. Full instruction guide included. The product is CE approved.



**Assembled at  
Bondline.  
Manufactured  
in the UK.**

## Key Features

- WST1 meter has a banana socket and 10mm stud.
- Dimensions of tester: 130mm x 70mm x 25mm.
- Single test range of 0.75 meg-ohm to 35 meg-ohm.
- Provides reliable and accurate readings.
- UK manufactured.
- Assembled at Bondline.
- Portable and very easy to use.
- Method of operation: Push button.
- x4 LED lights (High Fail, Pass, Low Fail, Low Battery)
- 9V battery is required.
- Full calibration service available with Bondline.
- Each unit is supplied with 1 year calibration certificate.
- Customisable: Private labelling, colours, logos and specific resistance ranges can be made on request.
- Manufactured to the very highest quality allowing qualification to council directives 89/336/EEC. Calibration required annually.
- Compliant to IEC 61340-5-1, CE, UKCA, RoHS and REACH standards.

## Product Code

**WST1**

## Description

ESD Wrist Strap Tester with banana socket and 10mm stud. 130mm x 70mm x 25mm.

## Standards & Regulations Met:



RoHS compliant



REACH compliant



European Conformity



IEC 61340-5-1



UK Conformity Assessed



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Properties	Typical Values
Power Supply	9 volt PP3 alkaline battery
Temperature 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	350g
Dimensions of Tester	130mm x 70mm x 25mm
Lower Limit	750k +/- 10%
Upper Limit	35 Meg +/- 10%
Method of Operation	Push button

## Testing Guide

When testing, the operator simply connects to the test via the 4mm banana plug socket or 10mm stud. To test, make finger contact with the stainless steel push button, and "press to test". A green LED light will illuminate for PASS or the red LED light 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 red fail LED will light. If the resistance is below 750 kilohms, the red fail LED will light. If the 9 volt PP3 battery falls below 6.5 volts during the test, the yellow battery low LED will light.

## Customisation Options

- Private labelling
- Customised logos
- Colours
- Specific resistance ranges to conform to many standards in the electronics industry



# 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.

